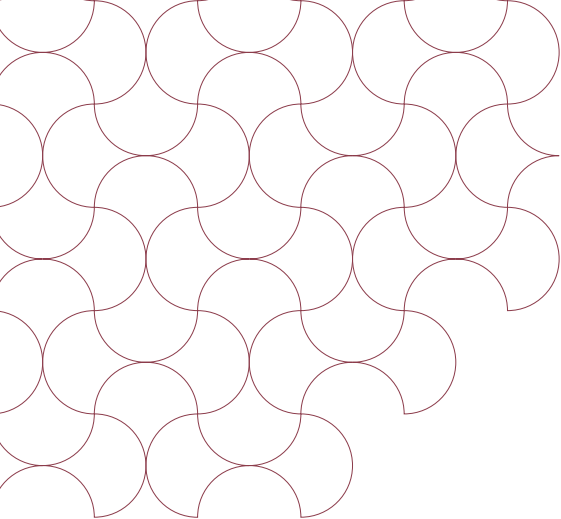




AJAI SURENDRAN

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+917012338377

WWW: Bold Profile

I'm a **Full Stack Developer** specializing in AI-powered applications, modern web technologies, and immersive digital experiences. My expertise spans the **MERN** stack (MongoDB, Express.js, React.js, Node.js), Next.js, **Frappe** Framework, and **ERPNext**, enabling me to build scalable, secure, and high-performance web applications and enterprise solutions.

I create visually engaging, interactive user experiences using **GSAP**, **Framer Motion**, and **Three.js** while optimizing 3D models, textures, and animations for seamless web performance. I also use Blender to create and optimize high-quality 3D assets for real-time web applications.

Passionate about AI, I build intelligent solutions by integrating LLMs, AI APIs, and workflow automation tools such as **n8n**. I leverage ChatGPT, **Claude AI**, and **Cursor AI** to accelerate software development, code generation, debugging, testing, documentation, and rapid prototyping. I also develop AI-driven automation workflows that streamline business processes and improve productivity.

My expertise includes authentication and identity management using **Keycloak**, implementing secure OAuth 2.0, OpenID Connect (OIDC), **SSO**, and role-based access control (RBAC) for modern applications and enterprise platforms.

With a strong background in customer service, I bring a user-first mindset, excellent communication, and analytical problem-solving skills to every project. I continuously explore emerging technologies and best practices to

WEBSITES, PORTFOLIOS, PROFILES

- <https://3d.ajaisurendran.in>
- <https://www.linkedin.com/in/ajai-surendran-154791131/>
- <https://www.kochimuzirisbiennale.org/>
- <https://www.deshabhimani.com/>

WORK HISTORY

MERN FULL-STACK DEVELOPER

Faircode | Kochi, India

APR 2024 - CURRENT

- Designed and implemented centralized authentication and authorization solutions using Keycloak, including Single Sign-On (SSO), Role-Based Access Control (RBAC), OAuth 2.0, OpenID Connect, and user federation for enterprise applications.
- Developed and customized backend solutions using the Frappe Framework and ERPNext, building business modules, REST APIs, and enterprise workflows.
- Designed and developed scalable full-stack web applications using the MERN stack (MongoDB, Express.js, React, Node.js), focusing on performance, security, and maintainability.
- Built RESTful APIs and integrated enterprise applications across React, Node.js, Frappe, ERPNext, and Keycloak.
- Developed intelligent automation workflows using n8n, integrating APIs, AI services, databases, and third-party enterprise platforms.
- Designed and implemented Retrieval-Augmented Generation (RAG) agents by integrating LLMs, vector databases, and enterprise knowledge bases for intelligent search and question answering.
- Implemented AI-driven autonomous agents capable of executing complex tasks with minimal human intervention.
- Developed voice-activated AI assistants capable of understanding natural language, answering customer queries, and automating application workflows.
- Worked on multiple projects using Payload CMS for content management and API-driven applications.
- Developed secure, responsive, and interactive user interfaces using React and modern frontend technologies to enhance user experience.

deliver innovative, efficient, and impactful digital solutions.

SKILLS

- Cursor and Claude AI Expert
- Automation using n8n
- Three.js
- Frappe & ERPNext
- Payload CMS
- Next.js, React.js, Node.js
- 3D Model Design using Blender
- MongoDB, PostgreSQL, MySQL
- Javascript
- JavaScript
- React.js, Next.js
- Node.js
- MongoDB
- GSAP and Framer Motion
- ChatGPT Expert
- HTML5 expertise & CSS proficiency

EDUCATION

NOV 2017
Bachelor of Technology
Mechanical
Engineering | SNGCE | Kolencher
y

LATEST PROJECTS

- I am currently working for **Kalyan Jewellers** on a unified login portal for internal applications using Keycloak, Frappe, and React. The project focuses on implementing centralized authentication and authorization across multiple systems, enabling secure Single Sign-On (SSO), role-based access control (RBAC), and seamless user

FULL-STACK DEVELOPER, MERN

Freelancer | Bangalore

DEC 2022 - MAR 2024

- Strong experience in Three.js and related technologies.
- Optimize 3D assets (models, textures, animations) for efficient rendering and performance.
- GSAP and Framer-Motion skills.
- Enhanced user experience by developing and implementing a responsive front-end interface for web applications.
- Reviewed code, debugged problems, and corrected issues.
- Developed responsive web designs, ensuring compatibility across various devices and browsers.

SENIOR ASSOCIATE

Concentrix

AUG 2021 - OCT 2022

- I was handling Axis Bank Customers pan India
- Trained and supported new team members, maintaining culture of collaboration.
- Increased client satisfaction through thorough analysis of project requirements and delivering high-quality results.
- Increased customer service success rates by quickly resolving issues.
- Streamlined operational efficiency by identifying areas for improvement and proposing actionable solutions.
- Developed strong cooperative relationships with coworkers and managers.
- Implemented process improvements that led to significant time savings and increased accuracy in deliverables.

ASSOCIATE CS INTERNET

Sutherland | Kochi, India

AUG 2019 - JUN 2021

- I was handling North America Customers for Amazon NA
- Established a loyal clientele base through personalized attention given towards their needs as well as prompt responses to their queries regarding our products offered via virtual channels.
- Managed customer service inquiries and complaints for customer satisfaction.
- Learned all required tasks quickly to maximize performance.
- Contributed to team success by completing jobs quickly and accurately.
- Contributed to a positive work environment by consistently demonstrating professionalism, adaptability, and strong interpersonal skills.

TEAM MEMBER GANTRY

Premier Evolvics Pvt Ltd

SEP 2018 - MAY 2019

- PLC Programming and Assembly of pick and place Gantry Robot

management for enterprise applications. My role includes full-stack development, Frappe backend development, Keycloak backend configuration and customization, authentication workflow implementation, REST API integrations, React frontend development, and building scalable identity and access management (IAM) solutions across web applications and enterprise services.

- I have worked on the **Kochi–Muziris Biennale 2025** website, developed using Payload CMS, as a full-stack project that blends rich visual design, smooth animations, and scalable content management for one of India's most prestigious contemporary art events.
<https://www.kochimuzirisbiennale.org/>
- I have worked on the **Deshabhimani** news website as a full-stack development project using Payload CMS. The goal was to build a modern, scalable, and editor-friendly news platform with performance and flexibility at its core. My role included both frontend and backend development, including CMS architecture, API development, content workflows, authentication, and performance optimization.
<https://www.deshabhimani.com/>
- Similarly, I have also worked on the **Prajashakti** and **Nava Telangana** news websites using Payload CMS, handling both frontend and backend development. The projects focused on scalable architecture, backend content management systems, API integrations, efficient editorial workflows, responsive frontend experiences, and high-performance news delivery platforms.
- I have worked on the **Sharon Pipes** Mobile Rewards Platform as a full-stack development project, building

- Learned all required tasks quickly to maximize performance.
- Contributed to team success by completing jobs quickly and accurately.
- Developed strong cooperative relationships with coworkers and managers.
- Worked different stations to provide optimal coverage and meet production goals.
- Contributed to a positive work environment by consistently demonstrating professionalism, adaptability, and strong interpersonal skills.
- Trained new team members by relaying information on company procedures and safety requirements.

LANGUAGES

English



Bilingual or Proficient (C2)

Tamil



Advanced (C1)

Malayalam



Bilingual or Proficient (C2)

Hindi



Advanced (C1)

a modern backend for a points-based application. The goal was to enable smooth bill scanning, season-wise rewards, redeem/transfer workflows, and accurate TDS calculations, along with a complete admin panel for managing users, bills, memberships, and season settings. My role was backend development.