

AGNIK PAUL

Full Stack Software Engineer

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Summary

Full Stack Developer with hands-on experience building scalable web applications using React.js, Next.js, Node.js, Express.js, MongoDB, PostgreSQL, and Supabase. Proven expertise in AI-powered and real-time applications involving authentication, REST APIs, database design, and cloud deployment. Passionate about solving real-world problems through clean code and collaborative development in fast-paced environments.

Technical Skills

Programming Languages: JavaScript, TypeScript, Python, Java, C, SQL

Frontend Development: React.js, Next.js, Redux Toolkit, Tailwind CSS, ShadCN UI

Backend & Databases: Node.js, Express.js, MongoDB, PostgreSQL, Supabase, REST APIs

Cloud & Deployment: Vercel, Supabase, Cloud Fundamentals

Tools & Infrastructure: Git, GitHub, Postman, Socket.IO, n8n, Linux

Experience

Frontend Intern

Jan 2025 – Jan 2026

Cyber Security India (CSI)

Bengaluru, India

- Architected responsive frontend dashboards using React.js and Tailwind CSS for course and user management systems.
- Collaborated with cross-functional teams including PMs and designers to deliver frontend features and improve product usability.
- Designed and implemented automated workflows using n8n to streamline internal processes and enhance operational efficiency.
- Integrated REST APIs and engineered reusable React components, reducing repetitive UI development by 30%.

Projects

Impleo - AI Application Assistant | Next.js, TypeScript, Chrome Extension APIs, AI APIs

2026

- Built a personal AI copilot browser extension that auto-fills hackathon, fellowship, and job application forms using a structured profile.
- Implemented learned-answer memory system that reuses prior Q&A responses across different application forms.
- Designed portable import/export profile schema to keep identity, skills, projects, and response history in sync.
- Engineered efficient form detection and field mapping for seamless auto-fill workflow automation.
- Live: <https://impleo-snowy.vercel.app/>

KUBLET - AI Powered Interview Platform | Next.js, React.js, Supabase, Gemini AI, JWT Authentication

2026

- Engineered full-stack interview platform with secure Supabase authentication and scalable modular backend architecture.
- Integrated Gemini AI to generate customized interview questions, evaluate answers in real-time, and provide automated feedback reports.
- Designed PostgreSQL database schema for efficient data management; optimized API performance for seamless real-time video review workflows.
- Deployed on Vercel with cloud-based infrastructure for high availability and performance optimization.
- Live: <https://kublet-ai-based-interview-platform.vercel.app/>

DevBooking - Developer Events Platform | React.js, Node.js, Express.js, MongoDB, Tailwind CSS

2025

- Built full-stack event management platform enabling developers to discover and book technical events and hackathons.
- Implemented user authentication, event filtering, and booking workflows using React and Express backend.
- Designed MongoDB collections for scalable event data and user management across the platform.

Leadership and Activities

- Event Head for Presentation Team during Hackathon Pitch Fest – coordinated cross-functional teams and ensured successful delivery under strict deadlines.
- Active participant in collaborative hackathons and web development competitions focused on software innovation and problem-solving.

Education

Bachelor of Computer Science and Physics

2023 – 2026

Kristu Jayanti College

Bengaluru, India

Certifications

- Cyber Security India Internship Program | Full Stack Web Development Certification (Udemy) | n8n Automation Basics