Fabi K P

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SUMMARY

Full Stack Developer with 2+ years of experience delivering scalable, high-quality web applications using React, Node.js, and Adobe Experience Manager. Skilled in automation, cloud infrastructure, and cross-functional collaboration to drive measurable impact in product delivery and operational efficiency.

CORE COMPETENCIES

- **Languages**: JavaScript (ES6+), TypeScript, Python, SQL

- **Frontend**: React, Next.js, Tailwind CSS, HTML5, CSS3, Bootstrap

- **Backend**: Node.js, Express, REST APIs, GraphQL

- **Databases**: MongoDB, PostgreSQL

- **Cloud & DevOps**: AWS, Git, Adobe Experience Manager (AEM), CI/CD Pipelines (Azure Devops)

PROFESSIONAL EXPERIENCE

- **Software Engineer** — May 2024 – Dec 2024
  Neyndra Global Solution — *Trivandrum, India*
  - **QA Automation Tool**: Engineered a full-stack QA smoke testing tool with React, Node.js, and Tailwind CSS, reducing manual testing efforts by 70% and accelerating release cycles.
  - **Asset Automation**: Automated asset pipeline including download, upload, CDN provisioning, and naming conventions using Node.js and AEM, improving content deployment speed by 60%.
  - **Marketing Analytics**: Integrated Adobe Launch paid media tagging to enhance campaign tracking and analytics accuracy, increasing marketing attribution insights.
  - **Python Automation**: Developed Python scripts to automate video asset management and quality checks, reducing manual errors by 50%.

- **Software Engineer** — Sep 2022 – Aug 2023
  Tata Elxsi Ltd — *Pune, India*
  - **Vehicle Architecture**: Contributed to EE system design for TATA Motors using PREEvision, enhancing vehicle communication protocols and reliability.
  - **Test Automation Tools**: Built Python-based GUI applications to streamline ECU test procedures, reducing testing time by 30%.

- **Frontend Developer** — May 2022 – Aug 2022
  Klashra Tours and Travel (Remote)
  - **Tour Booking Platform**: Designed and developed a responsive full-stack tour booking platform with React, Tailwind CSS, Stripe integration, and deployed on Netlify, enabling seamless user transactions.

- **Intern - Full Stack Developer** — Jan 2022 – Apr 2022
  Koll Corp Industry (Remote)
  - **Full Stack Web App**: Built backend services with Node.js, frontend with Vue.js, and deployed to AWS EC2 using Docker, gaining hands-on experience with cloud infrastructure and containerization.

PROJECTS

- **ICTAK Internship Project**: Developed a full-stack web application using React and Node.js with Tailwind CSS. [Report]

- **Tour Booking Platform**: Klashra – Built a scalable booking site with filters and secure Stripe payments.

- **Web Asset Automation Suite**: Designed and implemented a full-stack automation platform for asset management using Node.js, Python, Tailwind CSS, and AEM, improving team productivity and asset reliability. Example - GitHub

- **Landing Page**: QIB Logistics – Responsive marketing site built with React and Figma.

- **Agency Website**: Nexwave – Portfolio website with blog and service sections.

- **ASR Model for ISRO**: Developed a speech recognition model with Kaldi toolkit for Gaganyaan humanoid mission, including Python scripts for hyperparameter optimization. [Report]

- **E-commerce App**: Implemented a React + Redux Toolkit app demonstrating cart, filtering, sorting, and search using RTK Query. [Code]

- **Restaurant Menu App**: Created a responsive menu app with React and Tailwind CSS, focusing on dynamic content and accessibility.

EDUCATION

- **College of Engineering Trivandrum** Kerala, India
  B.Tech in Computer Science and Engineering *GPA: 8.2*

CERTIFICATIONS

- **Certified Full Stack Developer**: ICTAK Trivandrum (Mar–Aug 2024) [certificate]

LEADERSHIP

- **Vice Chairperson, College Council**: Organized union events and managed finances. [certificate]

- **Drishti Convenor, Tech Fest**: Led a 200+ participant tech fest featuring Sophia the robot.