

Saikumar Pendyala

Full Stack Developer

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Professional Summary

Accomplished Full Stack Developer with over 4 years of hands-on experience in designing, developing, and deploying high-performance, scalable applications. Expertise spans both frontend and backend development, cloud computing, and automation. Adept at optimizing development workflows, reducing maintenance costs, and driving efficiency through database migrations, cost-effective solutions, and streamlined pipeline automation. Proven track record in team leadership and optimizing project architecture to enhance performance, scalability, and overall system effectiveness.

Key Accomplishments

- **Leadership & Project Delivery:** Led a 4-member team to develop and optimize high-performance applications, enhancing user experience.
 - **Onsite Experience (Sweden, 2024):** Collaborated with clients to gather requirements, propose cost-effective solutions, and streamline development workflows.
 - **Project Restructuring & Cost Optimization:** Reduced maintenance costs by 50% and improved developer efficiency through workflow optimization.
 - **Automation & Efficiency:** Automated report generation, file transfers, and database maintenance, significantly reducing manual effort.
 - **Cloud & DevOps:** Successfully migrated applications across clusters with 0% downtime and transitioned pipelines from Azure DevOps to GitOps for better scalability.
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Technical Skills

- **Frontend:** HTML, CSS, JavaScript, React.js, Angular.js
 - **Backend:** Node.js, Express.js, Java, SpringBoot, Koa.js
 - **Databases:** PostgreSQL
 - **Cloud & DevOps:** Microsoft Azure, Azure DevOps, Kubernetes
 - **Tools:** Jira, Grafana, Kibana, Postman, VS Code, Eclipse, GitHub Desktop, Lens, K9s
 - **Methodologies:** Agile Development, RESTful API Design
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Professional Experience

Tata Consultancy Services (TCS)

Full Stack Developer & Project Lead (Apr 2022 – Present) | Hyderabad, India & Onsite (Sweden)

- Led the development and maintenance of applications, ensuring high-quality feature implementation and bug fixes.
- Spearheaded API integrations with backend teams, enhancing application performance and scalability.
- Reduced project risks by 60% through optimized deployment processes.
- Automated database management, application monitoring, and reporting, cutting down manual work.
- Redesigned project architecture, enhancing system scalability and reducing technical debt, leading to significant cost savings.
- Migrated databases and applications, achieving 30% cost savings with zero business downtime.

Frontend Developer (May 2021 – Mar 2022)

- Developed intuitive and responsive user interfaces using React.js and Material-UI.
- Ensured timely project delivery using Agile methodologies.
- Enhanced application reliability through performance optimization techniques.

Education

Bachelor of Technology (B. Tech) in Information Technology

Guru Nanak Institute of Technology, Hyderabad (2015 – 2019)