Ariyan Samal

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SUMMARY

Full Stack Engineer specialized in architecting scalable, high-performance applications using Python (Django, FastAPI), React.js, and AWS at Sharkify AI. Expert in building secure back-end systems, optimizing database performance via ORMs, and developing responsive front-end interfaces for modern web platforms.

WORK EXPERIENCE

Web Developer – Sharkify AI   Nov 2024 - present

- Architected and deployed enterprise-grade web applications using **Node.js, React.js, and SQL**
- Implemented automated CI/CD pipelines using **AWS (EC2, S3) and Railway**
- Refactored legacy codebases using modern React patterns (Hooks, Context API), improving code maintainability and team velocity.

App/Web Developer Intern – My Perfect Fit   Jan 2024 - Jun 2024

- Collaborated with cross-functional teams to develop mobile app modules and responsive web interfaces using CMS tools and JavaScript.
- Executed rigorous testing and debugging for the MPF Style Club app, resolving **20+ critical bugs** prior to release.

TECHNICAL SKILLS

- **Frontend:** React.js, Redux, TypeScript, HTML5, CSS3, Material UI, Tailwind CSS
- **Backend:** Python - Django, FastAPI,Javascript - NodeJs, RESTful APIs, JWT Authentication
- **Database:** PostgreSQL, MySQL, MongoDB, Redis, SQLAlchemy, Django ORM
- **DevOps & Tools:** AWS (EC2, S3, RDS, Lambda), Docker, Git/GitHub, Postman, Gunicorn, CI/CD

PROJECTS

- **Shyra – AI SEO Tool** | *OpenAI API, React, FastAPI* – Engineered an AI platform using OpenAI/Bing APIs, reducing content creation time by 70% via a real-time React UI.
- **VoterConnect** | *React, Node, AWS* – Built a secure analytics platform with RBAC and optimized MySQL schemas for high-volume data concurrency.

EDUCATION

- **B.Tech in Computer Science** | KIIT University, Bhubaneswar   2021 – 2024