Saiprasath B

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Professional Summary

Versatile and results-driven fullstack developer with 2+ years of hands-on experience in backend development using Node.js, Django, and PostgreSQL. Proven ability to architect, implement, and scale production-ready web applications, with strong DevOps knowledge involving Docker, Kubernetes, and CI/CD pipelines. Experienced in building authentication systems (SSO, RBAC), integrating third-party APIs, and managing infrastructure for high-performance systems. Adept at writing clean, maintainable code and collaborating across cross-functional teams in agile environments. Passionate about solving real-world problems through robust backend systems and intuitive user experiences. Familiar with building secure and compliant data systems, with interest in financial regulatory platforms such as AML and Tax compliance. Deployed applications on AWS EC2 with Nginx and Docker for containerization.

Technologies

Languages and Frameworks: C++, C, Java, TypeScript, JavaScript, Python, Node.js, Express.js, Django, Next.js, React Native, HTML, CSS, Tailwind, SQL

Authentication/SSO: Passport.js, BetterAuth, Django-allauth, JWT, RBAC

DevOps/Tools: Docker, Kubernetes, Nginx, Git, GitHub, CI/CD, Postman, VScode, AWS

Deployment Platforms: Vercel, Render, XAMPP

Databases/ORMs: PostgreSQL, MySQL, MongoDB, Sequelize ORM, Drizzle ORM

Data/ETL/Analytics: dbt, Airbyte, Snowflake

Testing/Automation: Playwright, Selenium, Jest

Relevant Coursework: Data Structures & Algorithms, Operating Systems, OOPs, DBMS

Area of Interest: Web Design and Development, Blender, Graphic Designing, Problem Solving, IoT, System design and development.

Education

SRM Institute of Science And Technology *Dec 2023 – Dec 2025*
MCA

Sri Sathya Sai Institute of Higher Learning *Jun 2019 – Aug 2023*
BSc. in Mathematics

Experience

Data Engineer (Product Development Focus) *Chennai, India*
Anjane Technologies *November 2023 – Present*

- Leading backend and fullstack feature development for internal platforms using **Django**, **Node.js**, and **PostgreSQL**.
- Containerized and deployed applications using **Docker**, with orchestration via **Kubernetes**, and server configuration using **Nginx**.
- Developed and maintained **SSO integration (Django-allauth)** with Google, GitHub, Microsoft, and Snowflake OAuth.
- Built secure **role-based user management**, **feature flag logic**, and **Slack notifications** using Webhooks.
- Implemented CI/CD pipelines and YAML-driven feature configuration for dynamic content and automation.
- Built and tested data workflows using **dbt**, integrated with Airbyte for external data ingestion.

- Contributed to internal tooling using Java and Spring Boot to handle data validations and logging workflows.

Projects

DataOpsly – Self-Managed dbt-Core Services *dataopsly* ↗
- Developed key features like **SSO**, **Slack alerts**, **Airbyte triggers**, and **profile/permission systems**.
- Enhanced user experience with **YAML upload** capability and interactive UI using **JS**, **HTML**, and **Tailwind CSS**.
- Delivered detailed product documentation using **MkDocs** and created demo videos via **Loom**.
- Built and tested with **Playwright** and Selenium.

Perkspe – Reward Redemption App *(In Progress)* *PerksPe* ↗
- Building a **React Native** frontend for mobile reward claiming and tracking.
- Architected backend using **Node.js**, **Express**, **PostgreSQL**, and **Sequelize ORM** with **Passportjs** for secure login.
- Integrated **JWT-based auth**, dynamic perk logic, and secure **transaction tracking**.
- Managed user session, balance history, and perk claim flow with **real-time feedback and error handling**.
- Integrated **Role-Based Access Control (RBAC)** across the application and implemented a **hierarchical permission model** using Expressjs.

Publications

Django application with allauth configuration. Jul 2024
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Django allauth ↗

Integrating Snowflake OAuth with django Aug 2024
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Snowflake OAuth ↗