

Veerendra Bannuru

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

Professional Summary

Passionate Software Engineer with hands-on experience in Python, Java, and full-stack development (ReactJS + Flask). Proficient in designing scalable backend systems, RESTful APIs, and interactive frontend components. Solid understanding of SDLC, Agile practices, and version control systems. Known for adaptability, attention to detail, and a collaborative mindset in delivering high-quality software solutions.

Work Experience

Software Engineer

Por's and Rao's Studio Pvt Ltd – Bengaluru, India

Aug 2024 – Present

- Enhanced both backend and frontend features of the company's BEING library used in interactive installations.
- Designed and implemented behavior logic for two live artworks using Python in a Linux environment.
- Tested a Machine Learning-based Head Position Detection system developed by a Switzerland-based R&D team; collaborated remotely to ensure functionality and performance accuracy.
- Used Git and Bitbucket for version control and collaborated in Agile workflows.

Software Engineer - Intern

Deepnetlabs – Bengaluru, India

Apr 2024 – Jul 2024

- Contributed to backend development using Python and RESTful APIs.
 - Participated in team sprints and daily standups, gaining exposure to Agile development.
 - Documented APIs and helped with deployment readiness for internal tools.
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Technical Skills

- **Languages:** Python, Java, JavaScript, TypeScript, SQL
- **Frameworks & Libraries:** React.js, Flask, Spring Boot
- **Databases:** MySQL, PostgreSQL
- **Version Control:** Git, Bitbucket
- **Tools & IDEs:** VS Code, Postman, IntelliJ IDEA, Eclipse
- **Concepts:** OOP, REST APIs, SDLC, Agile
- **Operating Systems:** Linux, Windows

Projects

DevShare - [Live Demo](#) | [GitHub](#)

A developer-focused social platform for project sharing and networking.

- Built a full-stack application using ReactJS (frontend) and Flask + Python (backend).
- Enabled features like project sharing, profile customization, and developer networking.
- Focused on responsive UI/UX design for seamless user experience.
- Integrated RESTful APIs and used Git for version control.

Tech Stack: ReactJS, Flask, TypeScript, Python, REST APIs, Git

AccessValut - [GitHub](#)

A secure role-based user management system for managing user permissions.

- Designed a microservice-based architecture using Flask, enabling modular and scalable backend services.
- Implemented JWT authentication and role-based access control for secure API interaction.
- Integrated PostgreSQL for data persistence and SQLAlchemy for ORM-based data operations.
- Developed RESTful APIs for user registration, login, and protected resources.
- Used Swagger (OpenAPI) for dynamic API documentation.

Tech Stack: Python, Flask, PostgreSQL, SQLAlchemy, JWT, Swagger, REST APIs, Git

Music Hub - [GitHub](#)

A dynamic music streaming app with integrated payments and admin control.

- Designed secure user authentication with role-based access control.
- Integrated Razorpay API for seamless subscription and payment flow.
- Implemented playlist creation, favorites, and search functionality.
- Ensured smooth playback by utilizing media caching and optimizing queries.

Technical Skills: Java, Razorpay API, Authentication, ReactJS, SQL

Education

B.Tech in Information Science and Technology
Presidency University, Bengaluru | 2019 – 2023
CGPA: 8.21

Intermediate (MPC)
Narayana Junior College, Andhra Pradesh | 2017 – 2019
CGPA: 9.03

Certifications

- Full Stack Development Training – Kodnest
- React JS - Great Learning
- Python Developer – SoloLearn, Udemy
- SQL for Data Analytics – Udemy