

Shiva Teja

+91 76750 69090 | gshivateja2001@gmail.com | linkedin.com/in/shiva-teja-258949169
github.com/shivateja9090 | Hyderabad, India

PROFESSIONAL SUMMARY

Python Full-Stack Engineer with 3.5 years of experience developing end-to-end web applications using Django and React.js. Skilled in designing microservices, integrating third-party APIs, and optimizing performance. Proven ability to deploy scalable solutions on AWS and maintain high code quality through testing.

EDUCATION

Aurora's Technological Research Institute

Bachelor of Technology in Information Technology; GPA: 7.5/10.0

Hyderabad, India

Jun 2018 – Jun 2022

WORK EXPERIENCE

VassarLabs

Software Engineer I / Python Full-Stack Engineer

Hyderabad, India

Apr 2022 – Present

- Led the design and implementation of Django-based microservices architecture, ensuring modular and scalable backend solutions
- Integrated third-party service providers (Twilio, Infobip, SendGrid) via Python SDK to enable robust communication features
- Implemented identity and access management (IAM) using Keycloak with Role-Based Access Control (RBAC) for user permissions
- Developed React.js front-end components with Hooks, Context API, and Redux to enhance user experience and maintainability
- Built reusable component libraries with styled-components and ensured responsive design across devices
- Employed TypeScript in React for type-safe code, reducing runtime errors and improving developer productivity
- Optimized front-end performance through code-splitting, lazy loading, memoization, and virtualization, reducing initial load times by 30%
- Used React Testing Library and Jest for unit and integration testing of UI components, achieving 90% code coverage
- Implemented comprehensive monitoring and observability using Datadog (APM, Logs, Metrics), enabling proactive alerting and reducing MTTR by 25%
- Utilized AWS services (S3 for storage, Lambda for serverless tasks, EC2 for compute) to enhance scalability and resilience

Rtechno Solutions

Web Developer Intern

Hyderabad, India

Aug 2021 – Dec 2021

- Developed responsive web applications using PHP, JavaScript, and CSS3, collaborating with designers to enhance UI/UX
- Managed MySQL/PostgreSQL databases for dynamic content and implemented database optimization techniques

TECHNICAL SKILLS

Programming Languages: Python, JavaScript, TypeScript, SQL

Backend Frameworks: Django, Flask, Django REST Framework (DRF)

Front-End Frameworks: React.js, Node.js

Web APIs: REST, WebSockets

Databases: PostgreSQL, MySQL, MongoDB, Redis

Cloud & DevOps: AWS (EC2, S3, Lambda, RDS), Docker, Kubernetes, GitHub Actions

Monitoring & Testing: Datadog, Jest, React Testing Library, Unit Testing, Integration Testing

Methodologies: Agile/Scrum, CI/CD, Microservices, OAuth2/SSO

KEY PROJECTS

Kredos AI - Credit Scoring Platform | Python, Django, React.js, Microservices, AI/ML, Financial Technology

2023

- Developed microservices-based credit scoring platform using Django REST Framework and React.js with PostgreSQL for transactional data and MongoDB for document storage
- Built risk assessment and data processing microservices with real-time API integrations and automated testing
- Implemented real-time dashboard analytics with interactive visualizations and automated reporting systems

Identity Management System | Python, Django, React.js, Keycloak, Security

2022

- Integrated Keycloak for centralized authentication with RBAC using PostgreSQL for user management and MongoDB for audit logs
- Developed custom UI components for user management and security administration with session handling