Viamagus Select

Precision Talent for Global Centres

PEOPLE
TECHNOLOGY
OPPORTUNITIES

A BRIGHTER TOMORROW

Full-stack Developer

Python | FastAPI | React | Node.js | AI-assisted Engineering

Hyderabad | **6+ years**

About the Role

We are seeking a Software Engineer who can design, build, test, deploy and maintain reliable software using Claude Code or similar AI coding agents as part of the daily engineering workflow. The role is open to experienced engineers with strong technical foundations, initiative and the ability to learn quickly.

Key Responsibilities

Software Development

- Design, develop and maintain scalable web applications using Python, FastAPI, React, JavaScript or TypeScript, and Node.js.
- Design and implement REST or GraphQL APIs, including schemas, resolvers, authentication, authorization, validation and error handling. Proficiency in both API styles is not required.
- Use Claude Code or similar AI coding agents to accelerate development while maintaining code quality, security, test coverage and maintainability.
- Work with SQL and NoSQL databases, including data modelling, migrations, query optimisation and performance troubleshooting.
- Use message queues such as RabbitMQ for asynchronous processing, background jobs and parallel workloads.
- Investigate and resolve complex bugs, production issues and performance bottlenecks.
- Write clear technical documentation for APIs, system behaviour and implementation decisions.

Testing and Quality

- Write and maintain unit, integration, API and end-to-end tests.
- Apply automated testing practices throughout the development lifecycle rather than treating testing as a final-stage activity.
- Use tools such as Playwright for browser-based and end-to-end testing.
- Participate in code reviews and help maintain consistent engineering and quality standards.
- Validate AI-generated code through testing, review, security checks and performance analysis.
- Identify recurring defects and improve test coverage and development processes.

Delivery and Operations

- Work with Git and GitHub using feature branches, pull requests, code reviews and documented release processes.
- Contribute to CI/CD pipelines, preferably using GitHub Actions or similar tools.
- Support application deployment and maintenance in cloud environments such as DigitalOcean, AWS, Azure or GCP.
- Work with infrastructure basics, including containers, environment configuration, secrets, networking, databases, application services and deployment pipelines.
- Use monitoring, logging, error-tracking and session-replay tools such as Grafana, Sentry and equivalent platforms.
- Diagnose production issues using logs, metrics, traces, error reports and session recordings.

Collaboration and Ways of Working

- Work as part of an Agile Scrum team.
- Participate in sprint planning, backlog refinement, daily stand-ups, sprint reviews and retrospectives.
- Break requirements into clear, estimable technical tasks.
- Communicate progress, risks, dependencies and blockers clearly.
- Collaborate with product managers, software engineers, QA specialists, data scientists and external development partners.
- Work independently while seeking clarification when requirements or technical constraints are unclear.
- Remain open to learning and working across multiple technologies.

Mandatory Qualifications

- Practical software design and development experience through professional work, internships, academic projects, open-source contributions or a strong technical portfolio.
- Experience using Claude Code or a similar AI coding agent to build, debug, test or maintain software.
- Proficiency in Python and experience with FastAPI or a comparable Python web framework.
- Experience with React and JavaScript or TypeScript.
- Experience building back-end services using Node.js, Python or both.
- Understanding of REST or GraphQL API design; proficiency in both is not required.
- Experience writing unit and integration tests.
- Understanding of relational databases and SQL.
- Familiarity with Git, GitHub, pull requests and code-review workflows.
- Understanding of maintainability, modularity, security and separation of concerns.
- Strong analytical, problem-solving and communication skills.
- Ability to work independently in a remote environment.
- Professional working proficiency in English.

Preferential Skills and Experience

- Experience building GraphQL schemas, queries, mutations, subscriptions and resolvers.
- Experience with GraphQL libraries such as Strawberry, Graphene, Ariadne, Apollo or similar technologies.
- Experience with Playwright or another end-to-end testing framework.
- Familiarity with CI/CD platforms such as GitHub Actions, GitLab CI, Jenkins or similar tools.
- Basic experience deploying or maintaining applications on DigitalOcean, AWS, Azure or GCP.
- Familiarity with Docker and container-based application deployment.
- Experience with observability and production-support tools such as Grafana, Sentry, logging or session replay.
- Experience with message queues such as RabbitMQ, Kafka, Redis or similar systems.
- Experience integrating AI or machine-learning models into production applications.
- Familiarity with authentication, role-based access control, API security, secrets management and data protection.
- Experience working in an Agile Scrum product-development environment.