

Favas M *Software Engineer*

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PROFILE

A self-taught developer driven by a passion for creating resilient, scalable systems and delivering impactful projects across diverse domains such as EdTech, healthcare, and SaaS. With deep expertise in Python and Golang, I've played key roles in leading and contributing to high-impact projects, including multi-tenant SaaS platforms and secure infrastructures.

SKILLS

Languages: Python | Golang | Javascript | Lua

Framework & Libraries: Flask | Django | FastAPI | Go Gin | Go Chi | React | Redux

Databases: PostgreSQL | MySQL | MariaDB | Redis | Valkey

DevOps: Docker | Docker Compose | Github Actions

Cloud: AWS | DigitalOcean | Azure

Other Tools: Git | Neovim | Linux | NGINX

PROFESSIONAL EXPERIENCE

Tech Lead: Backend Operations, Texol 🔗

Aug 2024 - Oct 2024

- Led backend development with a focus on security, scalability, and resilience.
- Improved Vanforces security by implementing RBAC and automating tenant-specific database migrations.
- Built and deployed CI/CD pipelines, managing dev/staging/prod environments for seamless integration.

Software Engineer, Zennode Technologies 🔗

Nov 2022 - Aug 2024

- Led the development of Dochours, a multi-tenant healthcare SaaS, managing a team of 4 engineers.
- Designed system architecture, including schema-based tenant separation and runtime database migrations.
- Established infrastructure with VPC-based isolation to ensure data segregation and prevent breaches.
- Implemented network segmentation to limit internal service exposure and enhance security.
- Managed secure CI/CD pipelines with automated testing, deployment, and disaster recovery processes.
- Ensured compliance with HIPAA and DISHA regulations, applying security controls and privacy practices.
- Developed competitor analysis tools for the marketing team, driving business strategies and product positioning.

PROJECTS

Dochours - Multi-tenant Healthcare SaaS Platform 🔗

- Designed and built a healthcare management system supporting multiple tenants, with automated database migrations and secure access control.
- Integrated a CI/CD pipeline to streamline development, testing, and deployment.

Vanforces Admin - Sales Distribution Project [↗](#)

- Improved platform scalability by automating tenant-specific database migrations and deploying multi-tenant infrastructure.
- Implemented RBAC to ensure secure access control across different tenant organizations.

TSEEP - EdTech Platform [↗](#)

- Architected and developed a scalable EdTech platform with a focus on user data security and efficient CI/CD pipeline deployment.
- Authored the Software Requirement Specification (SRS) and played a key role in building the staging environment.

BaseCrack - OSS Contribution [↗](#)

- Contributed to BaseCrack, a reverse engineering tool, by writing comprehensive unit tests to improve its stability and accuracy.

EDUCATION

Bachelor of Computer Application, University of Calicut

2019 - 2022

ORGANIZATIONS

INITCREW, Co-founder

2019 - Present

Initcrew is a cybersecurity community for professionals and students. We've organized numerous events, including three Capture the Flag challenges, nine webinar sessions, and two chapter meets - one in Bangalore in collaboration with Juspay, and another in Kochi with Tinkerhub. Our initiatives have been sponsored by industry leaders like BugCrowd and HackerOne, and we've partnered with events such as Redteam Security Summit 2023 and Kerala HackRun