

Ashfaq Rahman

Full-Stack & Cloud Systems

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Profile

Senior Full-Stack Engineer with **7+ years of experience** building and scaling SaaS and platform products across **Insurance, HR, and EdTech**. Strong focus on system design, performance optimization, and developer experience. Experienced in owning systems end-to-end.

Experience

Senior Full-Stack Engineer – Sapiens (DigitalSuite R&D) 2023–Present

- Leading frontend and platform development for core DigitalSuite R&D initiatives.
- Enhanced a database-driven dynamic UI component system enabling rapid product iteration.
- Extended the UI component framework to support AI-powered chat-driven dynamic rendering: components are generated on the fly as users interact with the system to retrieve insurance details.
- Led adoption of the Sapiens Design System – design tokens, theming, and component-token override patterns – across consumer libraries to ensure consistent, scalable UI implementation.
- Owned application security workflows for production systems by integrating vulnerability scanning and driving dependency upgrades to proactively mitigate security risks.

Full-Stack Engineer – SaaS & Platform Products 2020–2023

Worked across multiple high-scale product teams and startups (full-time and contract).

- Architected and delivered scalable frontend and backend systems for enterprise SaaS products.
- Scaled payroll systems processing 80k+ employees for Reliance Industries.
- Designed a distributed job scheduling system replacing AWS Batch, reducing infra overhead and improving control over execution pipelines.
- Developed a web app integrating ML models for Reliance Jio's Smart Learning Platform.
- Developed a dynamic form builder (uses json-schema specification) that is hooked to a worker pipeline that generates documents on the fly.

Backend / Platform Engineer – ConnectWise 2018–2019

- Built backend services for identity management, billing, and system integrations.
- Automated Active Directory user synchronization and billing workflows.
- Migrated SOAP services to REST APIs and built security remediation tools.

Education

B.E. in Computer Science and Engineering – Rao Bahadur College of Engineering, Karnataka 2012–2016

Certifications & Courses

- **Nand2Tetris | Coursera:** Built a CPU, assembler, and object-oriented language from NAND gates.
- **AWS Certified Solutions Architect Associate** 2026-2029

Technical Skills

Languages: TypeScript, JavaScript, Python, Node.js

Frontend: React, Vue.js, Next.js, Tailwind CSS, Styled Components

Backend: NestJS, Django, Flask

Databases: PostgreSQL, MongoDB

DevOps: Docker, Kubernetes

Tools: Git, Linux, NeoVim