

ARYAN MANGAL

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PROFILE

Full Stack Developer with **2+ years** of experience at **Capgemini**, focused on building secure, scalable, enterprise applications **using AWS, Node.js, Python and React**. Expertise in developing high-performance UI components, RESTful APIs, and serverless solutions. Known for delivering clean, maintainable code, ensuring on-time project delivery, and collaborating effectively across cross-functional teams.

PROFESSIONAL EXPERIENCE

Senior Software Engineer | Capgemini Technology Service India Limited

September 2022 – Present

SFI ECS Claims Service

(September 2023 - Present)

- **Primary Skills – AWS Services, Python, NodeJS, CI/CD**
- Engineered more than **5 RESTful APIs** in Node.js and Python using layered architecture for recording the First Notice of Loss.
- Devised an automated SQS-based **retry mechanism**, significantly reducing manual intervention and system interruptions by **90%**.
- Streamlined infrastructure deployment through **Terraform**, reducing deployment time by **60%** and improving consistency.
- Designed and implemented a **disaster recovery solution** to ensure high availability and business continuity, achieving **99.99%** uptime across production systems.
- Integrated **Amazon CloudWatch** to monitor over **20 key system metrics**, including response times, error rates, and resource utilization.
- Optimized legacy code to reduce latency by **70%**, enhancing system performance and responsiveness.

Atradius BBT

(October 2022 - September 2023)

- **Primary Skills - React, JavaScript, HTML, CSS**
- Implemented diverse UI components, Bootstrap and Material-UI, reducing development time by **30%**.
- Utilized Redux for state management, optimizing data flow and improving performance by **40%**.
- Resolved critical issues via Kibana log analysis, cutting errors by **80%** and improving system stability.
- Revamped a legacy codebase, fixing 90% of defects through systematic code review and optimization.

PROJECTS

CC Blogs – Full Stack Blogging Platform

- Developed full-featured blogging platform with user authentication and CRUD operations.
- Integrated image upload functionality and real-time content updates.
- **Technologies:** React JS, App-write auth services, Redux, App-write Database.

Let's Talk – Real-time Messaging Application

- Architected a scalable chat application supporting private and group messaging using Socket.IO
- Designed a group chat functionality, including room management and member administration.
- **Technologies:** React JS, Node JS, Express, MongoDB, Socket.IO

Crypto Hunter – Cryptocurrency Tracking Platform

- Built a comprehensive cryptocurrency tracking application with real-time price updates in USD and INR.
- Developed interactive charts and data visualization for detailed crypto market analysis.
- **Technologies:** React JS, Coin-Gecko API, JavaScript, HTML, CSS.

EDUCATION

Punjab Engineering College, Chandigarh

2018-2022

BE Mechanical Engineering

CGPA:7.5

SKILLS

- **Frontend** – React.js, JavaScript, Redux, HTML5, CSS3, Material-UI, Bootstrap
- **Backend** – Python, Node.js, Express.js
- **Cloud & DevOps** – AWS, Terraform, Git, Azure AD, CI/CD
- **Database** – DynamoDB, MongoDB, PostgreSQL
- **Other** – RESTful APIs, Microservices, JWT Authentication