

# Subham Mohanty

## Senior Software Engineer

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Hyderabad, IN

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### SUMMARY

Experienced Senior Software Engineer with **6.10 years** in IT, specializing in **back-end development** with strong expertise in **GO, Node.js** and **AWS cloud services**. Skilled in building scalable, high-performance server-side applications and collaborating effectively with cross-functional teams.

### KEY SKILLS

- Software Development • Web Application Development •
- AWS Cloud • Testing and Debugging • Database Management • Data Structures and Algorithms

### TECHNICAL SKILLS

- **Languages:** GO, TypeScript/JavaScript, HTML/CSS
- **Framework:** Node.JS
- **Database Management Systems:** NoSQL (MongoDB & DynamoDB)
- **Cloud:** AWS, GCP, Azure
- **Technologies:** GraphQL, RESTful, Terraform, Docker, Git, JWT, Prisma

### PROFESSIONAL EXPERIENCE

#### Senior Software Engineer

Apr '24 - Present

##### Aqua Security

Hyderabad, IN

- **Technology Used** - Go, JavaScript,, NodeJS, AWS (Lambda, Cloudformation, SNS), PostgreSQL, Microservices, RestAPI, Open API, gRPC, Azure Devops, Docker
- Categorized vulnerability exploits within container image scanning functionality using **Trivy**, resulting in actionable recommendations and increased security data insights
- Designed and integrated middleware to enforce **OpenAPI validation**, ensuring compliance with API specifications and enhancing system reliability and error handling, resulting in a 20% improvement in system reliability
- **Upgraded Azure DevOps plugin** to automatically generate and save HTML/JSON reports for each container image scan, streamlining security monitoring and reporting processes within CI/CD pipelines.

#### Senior Software Engineer

Jun '22 - Apr '24

##### Mphasis

Bengaluru, IN

- **Technology Used** - HTML, CSS, Handlebars.JS, JavaScript, TypeScript, NodeJS, GraphQL, AWS (Lambda, DynamoDB, Athena, S3, Amplify), MongoDB, JWT, Prisma, Microservices, RestAPI
- Enhanced **product notification** engine functionality using **Node.JS, JavaScript & AWS Lambda**, resulting in a 20% decrease in churn rate
- Enhanced data accuracy in customer segmentation analysis by designing & implementing a **comprehensive analytics engine** utilizing **AWS Athena, S3, Glue, & Lambda**
- Developed user registration flow of the product using **GraphQL, Prisma, Node.JS, JWT** and **MongoDB**

#### Software Development Engineer

Apr '18 - Jun '22

##### Turbot HQ Pvt. Ltd.

Kolkata, IN

- **Technology Used** - JavaScript, TypeScript, NodeJS, GraphQL, AWS (Lambda, DynamoDB, S3, EC2, VPC, Cloudwatch, SNS, SQS, IAM), Terraform, Docker, GCP(IAM, Pub/Sub, Logging), Microservices, RestAPI
- Streamlined real-time events support scaling across multiple cloud providers by implementing **AWS Cloudwatch, AWS SNS, GCP Logging, & GCP Pub/Sub**, elevating user experience & boosting system reliability by 30%
- Boosted network efficiency by 30% through integration of **AWS VPC Transit Gateway**, showcasing **advanced AWS configuration skills**
- Established & fine-tuned integration testing framework utilizing **Terraform, GraphQL, GNU Make, & Node.js**, resulting in a **30% efficiency boost**, streamlining deployment processes, & addressing challenges in coordinating development pipelines
- Developed Open source Steampipe plugins for **Azure AD, Terraform Cloud, Heroku, & IBM Cloud**, utilized by multiple teams

### CERTIFICATIONS

- AWS Solution Architect Associate | Dec '22

### EDUCATION

- Bachelor of Technology (CSE) from Parala Maharaja Engineering College | Jun '12 - Jul '16