GOKUL KANNAN SELVARAJ

SOFTWARE ENGINEER

CONTACT

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EDUCATION

SEP 2022 - JAN 2024
UNIVERSITY OF GREENWICH, LONDON, UK

- Master of Science in Computer Forensics and Cyber Security

JUN 2015 - MAR 2018
AGURCHAND MANMULL JAIN COLLEGE, INDIA

- Bachelor of Science in Software Engineering

SKILLS

- Programming Languages: JavaScript, Python, C#, R, SQL, NoSQL.
- **Frameworks & Tools:** React.js, Node.js, Angular, TypeScript, Next.js, AWS, MongoDB.
- **Data Visualisation:** Tableau, PowerBI (Basic)
- **Other Skills:** Networking, Linux, MacOS, Android Development, Problem Solving.

CERTIFICATION

- AWS Certified Cloud Engineer

LANGUAGES

- English: Fluent

SUMMARY

Software Developer with expertise in Cloud Solutions, MERN Stack Development, Data Analytics, and Networking. Proven track record of enhancing application scalability, automating cloud infrastructure, and delivering innovative solutions. Passionate about secure, efficient, and high-performing applications.

WORK EXPERIENCE

The Queen's Head Cafe & Bristo, London   FEB 2025 - APR 2025
MERN DeveloperContract | queensheadcafe.co.uk

- Designed and developed a fully functional e-commerce platform for Queens Head Cafe using the **MERN stack**.
- Implemented a responsive and user-friendly front-end interface using **React.js** and **Material-UI** for seamless navigation and enhanced customer experience.
- Built a robust back-end architecture using **Node.js** and **Express.js**, enabling menu management.
- Utilized **MongoDB** for efficient data storage and management of menu catalogs and user profiles.
- Optimized website performance by implementing lazy loading, caching strategies, and SEO best practices to improve search engine rankings.

Softcrylic Technology Solution, India   NOV 2018 – NOV 2021
Senior Software Engineer

- Enhanced application scalability by 40% using **MERN stack** (MongoDB, Express.js, React.js, Node.js).
- Automated cloud infrastructure provisioning with **AWS** CloudFormation and CI/CD pipelines (Jenkins, GitLab CI/CD), reducing time to market by 35%.
- Designed **RESTful APIs** and **microservice** architecture for real-time data processing using AWS Kinesis, S3, and Redshift.
- Developed ETL workflows for data migration from **SFTP to S3 and Redshift, leveraging MySQL, PostgreSQL, and MongoDB**.
- Optimized data pipeline processing by 25% using AWS Lambda and serverless computing.
- Implemented custom analytics solutions with EnsightenTag Manager and ensured API security for enterprise-level applications.

Flash Info Labs, India   JAN 2018 – SEP 2018
Junior Android Developer

- Developed **RESTful APIs** for efficient order routing and delivery management.
- Customized **UI** using XML layouts and Android SDK for seamless user experiences.
- Designed **PostgreSQL** schemas for secure storage and management of user data.
- Collaborated with backend teams to implement secure **API endpoints** with encryption and authentication best practices.