MANUSHI

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 linkedin.com/in/manushi-g   github.com/manushig   🌐 Portfolio

EDUCATION

Northeastern University   Jan. 2021 - Apr. 2024
Master of Science - Computer Science (GPA: 3.96 / 4.00)   *Boston, Massachusetts*

MV Jayaram College of Engineering, Bangalore   Aug. 2006 - May 2010
Bachelor of Engineering – Computer Science (GPA: 3.87 / 4.00)   *Bangalore, India*

EXPERIENCE

Focused Learning and Skill Development   Apr. 2020 – current
Advanced Education and Upskilling

- Completed a **Master's in Computer Science** from Northeastern University with a **3.96 GPA**.
- Gained hands-on experience in **AWS Lambda**, **API Gateway**, **Node.js**, and **React** through self-directed projects, with a focus on building **scalable and secure APIs**.

Tesco   Sept. 2010 – Nov. 2019
Senior Software Engineer   *Bangalore, India*

- Developed **responsive web applications** using **ASP.NET MVC**, improving store management processes and making tasks **25% faster** for users.
- Built and maintained **scalable RESTful APIs** using **Node.js** and **.NET**, enabling smoother communication between systems and serving multiple projects.
- Worked extensively on **backend systems** with **Oracle PL/SQL**, ensuring seamless database transactions and reducing query times by **30%.**
- Designed and deployed Tesco's first **stock management and replenishment system** in the UK and Ireland, leading to a **20% reduction in overstocking.**
- Rolled out the **Direct Deliveries Android app** to **3000+ UK stores**, replacing outdated PDAs in **under 2 months**, and ensured swift feature deployment using **SOTI MobiControl.**
- Designed **intuitive interfaces** for Android and web applications, conducted **end-to-end testing**, and managed the full application lifecycle, including bug fixes and updates.
- Developed **UI for Replenishment Forecaster Scheduler** using **ASP.NET 4.0** and **Oracle PL/SQL**, optimizing replenishment teams' nightly workload.
- Automated server security patch updates with **Chef**, reducing update times and improving security across **150+ servers**.
- Worked closely with store employees to collect feedback and address real-world issues, achieving a **95% user satisfaction rate.**
- Collaborated with cross-functional teams to deliver **a project featured in Bangalore Mirror** for its impact on store operations: Tesco Innovation Project.
- Assisted junior developers by sharing knowledge on **full-stack development**, API design, and database management.

TECHNICAL SKILLS

Programming Languages: JavaScript, TypeScript, Node.js, Python, C#
Web Technologies: RESTful API design, JSON, HTTP/HTTPS protocols, JWT authentication
Cloud Technologies: AWS Lambda, Amazon API Gateway, AWS CloudWatch, AWS SNS, AWS IAM
Databases: Amazon DynamoDB, Oracle PL/SQL, MySQL
Tools: Serverless Framework, Git, Postman, JIRA, Jenkins
Frameworks: ASP.NET MVC, Serverless Framework, React