Subhasree Kurusamy

sk2745@njit.edu • 617 331 5995
www.linkedin.com/in/subhasreekurusamy/ •United States

Education

New Jersey Institute of Technology, NJ, USA   **May 2020 | GPA - 3.45/4.0**

Master of Science (M.S.) in Computer Science
- Received **CO-EDU scholarship** from New Jersey Institute of Technology

Mepco Schlenk Engineering College, India   **May 2018 | GPA - 8.95/10**

Bachelor of Engineering (B.E.) in Computer Science and Engineering.
- Received B**EST STUDENT AWARD** from Institution of Engineers, India for excited and eminent performance in academic activities in the year 2016 - 2017.
- Ranked in **top 5%** in the Department of Computer Science and Engineering

Professional Experience

Expedia Group | Software Development Engineer II– Seattle, USA   **Sep 2022 to July 2023**
- Developed and tested high scalable and highly available REST APIs using microservices in Java along with AWS resources like S3, SQS, ECS to ensure they meet design requirements along with required technical documentation.
- Generated Code coverage report using Jacoco and also to make sure the unit test code coverage is greater than 85%.
- Used AWS Cloud watch in alerting, maintaining and monitoring of production and corporate servers/storage.
- Updated micro services architecture using Spring Cloud Gateway to route across different endpoints based on requirements.

TATA Consultancy Services (Client: CVSHealth) | Software Engineer – Rhode Island, USA   **Aug 2020 to Sep 2022**

- Automated the validation of deployment using Python scripts to monitor system performance and debugging any bugs identified.
- Develop and manage applications, upgrade existing applications and/or integrate applications with any new/existing application and databases using Java, SQL.

GYFTGRAM | Full Stack Developer | Master's Project – New York, USA   **Jan 2020 to May 2020**

- Developed cross channel application using **MEAN Stack** technology, that interacts with multiple applications in retrieving data from MongoDB and helps customers in purchasing online gift cards from Restaurants.
- Developed custom components using directives in Angular for designing custom HTML components.
- Worked in an Agile/Scrum environment to deliver high quality software.

New Jersey Institute of Technology | Teaching Assistant – New Jersey, USA   **Sep 2019 to May 2020**
- Guided students in learning towards different architecture and protocols of the Internet, that also includes the communication among Client and Server, Packet Transmission, Routing Protocols.
- Assisted Undergrad students for the course Advanced Data Structures and Algorithms and helped students in understanding concepts like trees, graphs, complexities.

Areas of Expertise

- **Programming Languages**: C, Python, Java
- **Operating System**: Linux, Mac, Windows
- **Databases**: MySQL, MongoDB, SQL Server, Relational Database, NoSQL, MariaDB
- **Frameworks**: Angular.js, Node.js, Java Script, Spring Boot,Hibernate,Karate, Gatling, Junit, Mockito, J2EE,MEAN Stack

Certifications

- *Global English Test Services* (GETS) with grade B1 conducted by QAI (*Qualifications and Assessments International, UK*)
- Completed Infosys Foundation program in the year 2017.
- Academic course certification in "Internetwork security" and "**Theory of Computations**" with **Elite** grade and completed certification course in "**Operating System"** conducted by - *National Program on Technology Enhanced Learning (NPTEL).*