Soundarya Srikanta

Boston | MA | 02134 | +1 8573996312

soundaryas98@gmail.com | https://www.linkedin.com/in/soundarya | https://github.com/soundarya2908

Available: Jan 2024

EDUCATION

M.S. Computer Science, Northeastern University, Boston, MA　　　　　　　　**Expected Dec 2023**

Related courses: Programming Design Paradigm, Mobile Application Development.　　　　GPA: 3.7/4.0

B.Tech in Electronics and Communication, REVA University, Bengaluru, India　　　　　**June 2020**

Related courses: Computer Organization and Operating Systems, Web Programming.　　　　GPA: 8.9/10

TECHNICAL SKILLS

- **Languages:** Java, JavaScript, C, C++, Python, Kotlin, Typescript, Dlang.
- **Databases:** MySQL, MongoDB, PLSQL, NoSQL.
- **Web technologies:** HTML, CSS, PHP.
- **Frameworks and Libraries:** NodeJS, Spring, SpringBoot, Angular, Bootstrap, React.
- **AWS Services:** S3, Lambda, Glue, ECS, Cloudwatch, IAM
- **Software development:** SDLC, Algorithms and Data Structures, Java Design Patterns.

WORK EXPERIENCE

Software Dev Intern - Amazon Web Services, Seattle, WA　　　　　　　　　**May 2023 - Present**

- Actively contributed as a key member in an Agile team of 13 in the AWS Compute Optimizer team
- Single handedly managed the end-to-end design, implementation and testing of the EC2 Metadata Collector Service for data volumes of about 40GB which was processed in less than 10 minutes

Junior Java Developer - TATA Consultancy Services, Bengaluru, India　　　　**Nov 2020 - Nov 2021**

- Worked in an Agile team to build an English version of an insurance e-commerce portal for TRYG, a Danish insurance company based, using Spring MVC, Spring Boot and RESTful Services
- Developed the backend of the JWT authentication for several micro-services in a production website used by 5000+ customers

Computer Vision Research Intern - Wipro Technologies, Bengaluru, India　　　　**June 2018 - July 2018**

- Researched the challenges faced in Image Segmentation using OpenCV on Ubuntu OS
- Collaborated with a team of 5 to find a solution for the challenges using Semantic Image Segmentation by parsing images into understandable components, both in the foreground as well as the background

PROJECTS

Programming Design Paradigm, Kill Him (Java, Swing, MVC)　　　　　　　**Jan 2022 - May 2022**

- Developed an improved version of Kill Doctor Lucky, a console-based board game
- Implemented the game with one other collaborator leveraging Java, MVC Architecture and Java Swing

Web Development, Hunger Saviors (React, NodeJs, MongoDB, Redux)　　　　**Oct 2022 - Dec 2022**

- Created a Web App employing NodeJS, React and Redux State Management leveraging SDLC principals
- Collaborated on an app to redistribute surplus food from businesses to the needy, combating food wastage and insecurity

Mobile Application Development, Burn It (Android Studio, Firebase Cloud storage)　　**Mar 2022 - May 2022**

- Created a Mobile App employing Android Studio and Firebase Cloud Storage.
- Partnered with a team of 4 to create a gamified physical fitness app with a blend of intrinsic and extrinsic rewards to motivate users to come back and use the app to stay fit.

ACADEMIC PRESENTATIONS

- Published 'Determination and Notification of Quality Index of Fruits using Non-Destructive Methods' in ICRTECE - 2020.
- Presented 'Artificial Intelligence for Security in Women Empowerment' in the Women and Wellness Conference - 2020.