Prasenjeet Paul

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EDUCATION

Master of Science in Computer Science
University of North Carolina at Charlotte, Charlotte, USA.

Aug 2021 - Dec 2022
Current GPA 4.0

Bachelor of Technology in Computer Science & Engineering
Vidya Jyothi Institute of Technology, Hyderabad, India.

Aug 2014 - Jul 2018
Grade 74%

WORK EXPERIENCE

Software Engineering Intern   **May 2022 – Aug 2022**
Google, Austin, US

- Working on a full-stack application development to help Google with their Compliance Risk Management.
- Designed and implemented a scalable first-generation application using Angular-Python technology stack.

Teaching Assistant   **Jan 2022 – May 2022**
University of North Carolina at Charlotte, Charlotte, US

- Assisted the teaching activities for the course "C Programming".
- Responsibility included, teaching, grading assignments/tests, preparing course material, helping students.

Software Engineer   **Jul 2018 - Aug 2021**
EPAM Systems, Hyderabad, India

- Worked as a key Software Engineer and provided expertise in JavaScript, Angular & ReactJS.
- Assisted **Mastercard**(client) team in developing and enhancing their customer-facing Web Applications.
- Worked with leadership teams and designed a dynamic UI architecture to support high scalability and modularity.
- Modularized common UI logic into Angular dependency to improve its reusability among other projects.
- Improved code quality by +40% through code optimizations and by resolving critical security vulnerabilities.
- Taught JavaScript and Angular to junior developers and helped them become competent in UI development.
- Worked closely with multiple backend teams in integrating REST APIs with the JS based frontend.

Technical Instructor   **Jul 2017 - Jul 2018**
Suntek Corp Solutions, Hyderabad, India

- Planned and executed training sessions on C Programming, Java, Data Structures and Algorithms.
- Trained 900+ students from multiple top tier B.E/B.Tech colleges of the state - Telangana, India.
- Conducted technical interviews and helped students prepare for the technical/coding rounds.
- Prepared competitive coding questions and assisted students during lab sessions.

SKILLS

- **Languages**: JavaScript, Java, C, Python, SQL, HTML, CSS, SCSS, TypeScript.
- **Frameworks**: Angular, React, Redux, Node.js, RxJS, jQuery, Bootstrap, JSP, Spring Boot, Hibernate, MySQL.
- **Others:** Jenkins, Android, Git, Bitbucket, VS Code, IntelliJ, Eclipse, Clean Code Practices, Agile Methodologies.

PROJECTS

- **Online Command Terminal** (GitHub Link)**:** Developed a Web App that creates a command terminal in the server environment and provides it virtually to all the clients to help run OS commands remotely. (Angular, Express.JS)
- **Student Performance and Academic Pattern Analysis System** (Demo Link)**:** Developed a Web Application that analyses student's academic marks and generates visually effective analysis reports using Qlik Sense Tool. Process includes, data cleaning, data processing and data analysis. (Material CSS, Java, JSP, MySQL, XAMPP, Qlik Sense)
- **Attendance Calci** (Google Play Store Link)**:** Developed an Android app which automates the student attendance calculation, generates attendance report and notify them about deadlines. (Android, XML, Android Studio)

ACHIEVEMENTS

- Selected by **Google** as Facilitator for Applied CS with Android Program, Telangana Region, India, 2017 - 2018.
- Founding Member and Executive Board Member (2016 - 2018) of VJIT Developer Student Society.
- **1ˢᵗ Prize** winner of Android Hackathon conducted in VJIT, topic: Children Safety.
- **2ⁿᵈ Runner Up** in **EPAM India Hackathon** out of 20 teams, topic: Smart Tech in Daily Life.