Soumit Mondal

Java Developer

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About

Experienced System Engineer with a proven track record in applying **Agile methodologies**. Skilled in **Systems Programming**, **Internet Technology**, and **Algorithm Analysis** to design and implement robust systems. Adept at **problem-solving** and thrives in fast-paced environments. Committed to **optimizing system performance** and **driving innovation**

Technical Skills

Languages: Java, Asp.Net Core, Pro*C, C, HTML/CSS, JavaScript, SQL, NoSQL, Angular, React, Python
Developer Tools: VS Code, Eclipse, Visual Studio 2022, Geany, Jetbrains Intellij, GDB, Valgrind
Technologies/Frameworks: SpringBoot, Spring Batch, JDBC, Spring JPA, Hibernate, Linux, GitHub, Unix, SVN, AWS-Serverless, AWS

Experience

Tata Consultancy Services Ltd.   **Nov, 2021 – Present**
Systems Engineer   *Thane(W), Maharashtra*

- Developed and Deployed a Dashboard for the application which helps to monitor all the processes running within the limits.
- The Dashboard and the migration have increased the efficiency of the system by more than **95%**.
- Incorporated a Python-based script to read and compare the two AWR(Automatic Workload Repository) reports from a database snapshot.
- Involved in all phases of SDLC starting from **problem analysis**, **designing the proper solution**, **testing of the designed solution**, and **deploying** the same in the customer environment along with that support and maintenance.

Edgate Technologies Pvt. Ltd.   **Jun 2019 – Jul 2019**
Embedded System Engineer Intern   *Bangalore, Karnataka*

- worked with ARM-based micro-controllers for designing complex operations like solving (Fast Fourier Transform)FFTS, and (Discrete Fourier transform)DFT making use of ARM mathematical unit of the micro-controllers that helped me to complete my final year projects.

Education

OP Jindal University, Raigarh, Chattisgarh, B.Tech EEE – 92.8%   (Jun,2017 – Jul,2021)
Jindal School, Barbil, Odisha, CBSE – 78.0%   (Jun,2015 – Apr,2017)
St.Teresa's school, Joda, Odisha, ICSE – 85.5%   (Mar,2005 – Apr,2015)

Projects

Crello Blog | *React Js,Node Js, MongoDB, AWS* | GITHUB-LINK   **Jan,2024 - Mar,2024**

- An Innovative Blogging App that has a list of articles where users can comment and up-vote the article if they find the article interesting.
- Use of NoSQL database makes the application easy to manage the data and the articles and comments entered by the user.
- Application is deployed using AWS-EC2 instance.
- Lead a **team of 5 people** which makes the project achieve its goal in a record time.

Personalized Expense Tracker | *Java Spring, Angular, MySQL Database* | GITHUB-LINK   **Sept,2023 - Oct,2023**

- Designed an expense tracker application where I have made use of spring Batch to manage the huge amount of data flow to the RDBMS database.
- Use of Spring MVC all the CRUD operations are being managed.
- The application uses Angular as its front-end which gives the application a beautiful interface.
- Application has a To-Do list that can be used according to the needs.

Extracurricular Activities/Achievements

- Achieved an AWS Certification for Certified Cloud Practitioner.(Certficate)
- Solved 1000+ questions on Hackerrank and LeetCode platforms. (Hackerrank)
- Awarded as a Star employee of the month in my current organization.