

SOUMIT MONDAL

Application 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: Csharp, ASP.NetCore MVC, ASP.NetCore webapi, Winforms, JSON, 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 Solutions Architect Associate.([Certificate](#))
- Achieved an AWS Certification for Certified Cloud Practitioner.([Certificate](#))
- Solved 1000+ questions on Hackerrank and LeetCode platforms. ([Hackerrank](#))