

Soumit Mondal

Ashoknagar, 24-PGNS(N) West-Bengal, 743222

☎ (+91) 6296592607 ✉ soumitm8@gmail.com [🌐 LinkedIn-Profile](#) [🐙 Github-Profile](#) [👤 Personal-Profile](#)

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**

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)

Experience

Tata Consultancy Services Ltd.

Nov, 2021 – Present

System Engineer

Thane(W), Maharashtra

- Developed 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 **85%**.
- 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 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.

Projects

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

March 2024

- Created a 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

October 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 operation 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.

Movie Rental Application | *Asp.Net core, Angular*

January 2023

- Designed a simple movie rental application where a customer can rent movies for some time.
- Implemented object-oriented programming practices such as inheritance to create different account types and databases.

Technical Skills

Languages: Java, Asp.Net Core, C, HTML/CSS, JavaScript, SQL, NoSQL, Angular, React, Python

Developer Tools: VS Code, Eclipse, Visual Studio 2022, Geany, JetBrains IntelliJ, GDB, Valgrind

Technologies/Frameworks: Linux, GitHub, HP-UX unix, AWS-EC2, Tortoise SVN

Extracurricular Activities/Achievements

- LeetCode Score: 36
- Hackerrank Score: 1101
- Awarded as a Star employee of the month in my current organization.
- Winner of OPJEMS-2019 (An All India Management Scholarship Competition.)