# Sourav Majumder
*Software Engineer I*
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Github@s0urav6529 Linkedin@s0urav6529 & Portfolio

Tech enthusiast & problem solver with strong experience in **data structures and algorithms**. Passionate about applying AI to solve real-life problems & building impactful, efficient solutions. Eager to explore new technologies & hands-on experiences.

## Experiences

- **Software Engineer I - Smart Field Service Ltd.**                    *Banani-Dhaka, Dec 2023 - Present*
  - Engineered scalable backend architectures using Node.js, Django, and Django REST Framework (DRF), focusing on high performance, maintainability, and clean code practices. Conduct AI research and development initiatives, integrating intelligent features into core systems. Additionally, authored comprehensive technical documentation to ensure seamless implementation, effective knowledge sharing among team members.

- **Brain Station 23 (Academic Internship)**                    *Mirpur DOHS-Dhaka, Nov 2022 - Dec 2022*
  - Gained insights into the software industry while enhancing communication and collaboration skills through interaction with professional software engineers.

## Problem Solving

- Almost (2500+ and counting) **Data structure & Mathematical** related problems solved on several platform.

- Participated almost **250+** online & offline contests on several platform.

- **Codeforces** Max-rating **1421** (**Specialist**). Handle:@s0urav6529

## Technical Skills & Projects

- **Language, Framework & Database**
  - C++(Advanced), JavaScript, TypeScript, python & NodeJs, ReactJs, Django & MongoDB, DynamoDB, PostgreSQL

- **Developers Tools**
  - Git, Github, Gitlab, docker etc.

- **Projects**
  - **ChatApp @github** - Built a real-time chat platform using EJS, JavaScript, Node.js, Express.js, and MongoDB to enable smooth and collaborative user interactions.

  - **Blog Kori @github** - Developed a full-stack Laravel blog platform with integrated frontend and backend for creating, managing,and interacting with blog content.

  - **Chat Buddy** - Built an AI-driven RAG chatbot using N8N that engages in human-like conversations and delivers smart, contextual answers to real-world queries.

## Education

- **Dhaka University of Engineering & Technology, Gazipur**                    *2019 - 2023*
  - B.Sc, Computer Science and Engineering.

## Competitive Programming

- **ICPC Asia West Continent Finalist 2021**                    *24 Dec 2022*
  - Our team was the 19'th team from our country to participate **internationally**.

- **ICPC Asia Dhaka Regional Contest 2021**                    *8 Oct 2022*
  - Selected for ICPC Asia Dhaka Regional 2021 hosted by BUBT and secured **40'th** rank among **165** teams.

- **Inter University Programming Contest**                    *Jun 2022 - Jul 2022*
  - BUET IUPC 2022 - BUET , RUET IUPC 2022 - RUET , AUST IUPC 2022 - AUST.

## Awards and Achievements

- **Champion of Intra-DUET Programming Contest** (2022, Became the **champion** of Intra-DUET Programming Contest held by DUET Computer Society, DUET)

- **Ranked 3rd countrywise & 20th globally at Codechef Starters 81 Division 2** (2023, Secured **3rd countrywise & 20th place globally** among 1352 participants in this Codechef round).
  Handle: **codepro16**

- **Judge & Author of Intra-DUET Programming Contest-2024.**
  Handle: **SMU_coder**

## Mentorship

- Lead the backend team as **Supervisor** for a Node.js-based product, managing development and system workflows.Designed the database and helped onboard team members to understand the project workflow.