

Pushan Mukhopadhyay

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SUMMARY

Motivated B.Tech CSE student with hands-on experience in MERN stack development, building responsive web applications with **MERN**. Skilled in optimizing backend functionality and delivering scalable applications

EDUCATION

University of Engineering & Management Kolkata

Bachelor of Technology in Computer Science and Engineering

Cumulative GPA: 8.87 (up to 6th sem)

Kolkata, WB

Aug 22 – Aug 26

Basirhat Town High School (H.S.)(WBCHSE)

Higher Secondary Education Examination

Percentage: 87.8%

Madhyamik: 88%

Basirhat, WB

June 2022

June 2020

EXPERIENCE

Coding Ninja

Teaching Assistant

- Resolved **100+** student DSA queries and designed **20+** contest questions

Gurgaon, India

Oct 23 – Nov 23

Better Software (Internship)

Associate Software Engineer

- Developed high-performance, user-centric MERN stack web applications, integrating Redis caching and API optimization to improve **user engagement by 15%** and **reduce page load time by 20%**.

Jaipur, India

July 25 – Sept 25

Academic Projects

SpeakToCrack: [SpeakToCrack](#) is a Next.js-based platform that leverages AI to provide users with mock interview simulations and real-time, personalized feedback to enhance their communication and interview skills. Used by 50+ students, improving readiness and feedback response time by 40%

- [Source Code](#)

Safe Circle: A flutter-based women's safety app which offering real-time location sharing, distress alerts and AI-driven threat detection to ensure secure environments through community-based support. Tested by 100+ users and achieving positive user feedback.

- [Source Code](#)

Sep 24 – Dec 24

MergeMind: An [AI-powered web](#) platform that analyzes Github pull requests using the Gemini Api, providing developers with actionable insights, code health scoring and recommendations to improve code quality, documentation. Built with the MERN stack, integrated with Github webhook, uses Redis for caching and Jest for automated testing.

- [Source Code](#)

Oct 25 - Present

Extracurricular activities

- Smart India Hackathon 2024 semifinalist • UST Sight 2.0 finalist • Code chef 3 star • LeetCode 1726 (max)

Skills & Interests

Computer Skills:

- Coding:** C, Java
- Frontend:** JavaScript, TypeScript, Dart (Flutter), React.js, Next.js, Tailwind CSS, HTML, CSS
- Backend and Database:** Node.js, Express.js, Firebase, MongoDB, MySQL, Redis
- Blockchain and Testing:** Solidity, Ethereum (Ganache, Sepolia testnet), Jest, Supertest
- Tools:** Git, Docker, GCP, CI/CD
- Soft Skills:** Motivated, Problem Solving, Team Collaboration, Time Management, Adaptability

Subject of Interest: Data Structure and Algorithm, Database Management System

Certification: Data Structures in JAVA(Coding Ninja), Database Foundations: Intro to Databases(LinkedIn Learning)

Language: English, Bengali, Hindi

Interests: Cricket, Travelling