

Harsh Singh

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EDUCATION

National Institute of Technology, Patna
B.Tech in Electronics & Communication Engineering

CGPA: 8.74
2021-2025

EXPERIENCE

SDE Intern Mortars Technologies Pvt. Ltd. Javascript, React.js, Razorpay Blade UI Library, Mixpanel	March '25 - Sept '25 Remote
<ul style="list-style-type: none">Created the requirements for notification module, covering the 1.design, 2.frontend and 3.backend perspective.Implemented 1.in-app notification UI to ensure a smooth user experience, and 2.integrated real-time foreground notifications via FCM(Firebase Cloud Messaging), completing nearly 45% of the notification module.Assisted in designing and configuring an AWS S3 pipeline to export user personas, including 1.like, 2.share, and 3.comment analytics, from Mixpanel, based on client-side interactions in the app's social feature, enabling personalized feed recommendations.Designed page-wise analytics requirements for Mixpanel, enhancing the CTR by 53.2%.Integrated site-map feature to show preview on share to different channels like 1.whatsapp, 2.twitter and 3.facebook.Led and delivered the location-access feature by integrating internal services with Google Maps APIs, implementing efficient state management to ensure a seamless user experience and successfully meeting critical business use cases.Developed the homepage feed for the e-commerce module, ensuring UI consistency and seamless API integration.Contributed 20,000+ lines of robust production-ready code, prioritizing code quality, scalability, and performance, while aligning with design best practices to deliver sustainable and high-impact solutions.	

PROJECTS

Jobire <i>Live Project</i> GitHub React.js, Firebase & Tailwind CSS	June-24
<ul style="list-style-type: none">A web-based job searching platform offering 1. Advanced filtering options 2. Personalized job search.Integrated Firebase authentication to manage secure user login and designed 2 core features 1. referral request system and 2. job posting feature leveraging Firebase Realtime Database for efficient data management.	

PuppeternShala GitHub React.js, Node Puppeteer, Express.js, MongoDB, & Tailwind CSS	Mar-25
<ul style="list-style-type: none">Built a web-based application using Node Puppeteer to automate job application process reducing manual effort and enabling users to apply top 10 opportunities on Internshala application within minutes.Implemented 1.secure authentication, 2.API integration, maintaining users' credential safety.Empowered users to personalize applications by saving and modifying custom messages, while securely storing login credentials to automate the entire job application process.	

TECHNICAL SKILLS

- Languages:** C++, HTML, CSS, JavaScript, & SQL
- Developer Tools:** Git, CI/CD Pipeline, Postman & MySQL Workbench
- Libraries and Frameworks:** React.js, Node.js, Express.js
- Database & Cloud:** SQL & Google Firebase
- Coursework in Computer Fundamentals :** Fundamentals of Operating Systems (**OS**), Database Management System (**DBMS**), & Object-Oriented Programming (**OOP**)
- Areas of Interest:** DSA, Web Development
- Soft Skills:** Leadership, Teamwork, & Communication

ACHIEVEMENTS

- Secured a position among the top **9.32%** of the LeetCode coding community with a maximum rating of **1760**.
- Secured global rank **1146** in Leetcode's Biweekly Contest 135. | Ranked in top **2%ile** in **JEE 2021**
- Won 1st place in NIT Patna's Geek'O Brain Coding Contest among 20+ participating teams.
- Coding Portfolio:** [LeetCode](https://leetcode.com/) | [GFG](https://gfg.com/)