PRANJAL GOYAL

National Institute of Technology, Hamirpur

pranjal7852@gmail.com +918929467816 https://pranjalgoyal.site/ linkedin.com/in/pranjal-goyal-42a7a55b/ github.com/Pranjal7852

EXPERIENCE

Full Stack Engineer

SourcingXpress

Jan 2024 - Present

- Designed and implemented API versioning strategies, ensuring backward compatibility and minimizing the impact on existing clients.
- Optimized web applications for maximum speed and scalability, improving overall
 performance. Pioneered the creation of reusable code and libraries, reducing development
 time by 15% and enabling more efficient future project execution.
- Made use of Azure serverless technology to deploy scalable NodeJS ExpressJs services.

Backend Engineer

Circlone

Aug 2023 - Dec 2023

- Designed, developed and maintained highly scalable backend systems using Node.js from scratch and implemented containerization using Docker.
- Created scalable API architectures using serverless technologies, such as Azure.
- Implemented security measures to protect against potential cyber attacks and unauthorized access.
- Worked closely with the front-end team to ensure seamless integration of backend services with the user interface.

Software Engineering Intern

CodeClause

June 2023 - August 2023

- Converted Figma designs into pixel-perfect web code using component libraries such as Material UI and TailwindCSS.
- Troubleshot existing JavaScript and UI/CSS issues and optimized the web application, achieving a 40% improvement in load times and a 25% increase in performance scores.

Frontend Engineer Intern

<u>Shipsy</u>

May 2022 - July 2022

- Developed features and experiences for a large-scale, cross-browser application accessible on both mobile and desktop platforms, utilizing ReactJS, ThreeJS, and GSAP.
- Implemented the logic of accepting payments through Stripe API and React Hooks.
- Tailored a real-time chat functionality using web sockets, enriching the app's interactivity and user experience.
- Secured application routes with JWT for seamless user authentication, bolstering data protection and user privacy.

PROJECTS

Nimbus NITH

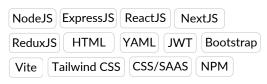
- Developed a Web Application to send out 1,00,000 emails efficiently using Amazon
 Simple Email Service and SMS using Twilio to the registered candidates during fest days.
- Utilized Framer Motion and GSAP for creating smooth UI animations and effects, three.JS for 3-D model rendering improving the overall app aesthetics and engagement.
- Designed and implemented a database schema using PostgreSQL on top of Prisma ORM, ensuring efficient data storage and retrieval using React Query at the frontend.
- Implemented RESTful APIs using Node.js and Express, ensuring efficient communication between the application and backend server.

Coding Classroom

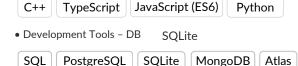
- A full-stack application facilitating real-time code collaboration. Users can join rooms, each
 equipped with a code editor
- Utilised Socket.IO for room creation and real-time editor interaction, React.js for the frontend, Node.js with Express ensuring cross-platform compatibility and seamless integration the backend socket server.
- Implemented Codemirror to create an interactive and collaborative coding platform, allowing multiple users to code together in real-time through the integrated sockets.
- Designed custom rooms for enhanced user experience and privacy with the help of UUID.

SKILLS

Development



• Programming Languages



Operating Systems

macOS X Linux

Other Technologies

Azure	Azure Web Sockets		Fireb	ase R1	RTC Docker	
Git	iithub	OAuth	Jest	REST	GraphQL	

EDUCATION

B.Tech in Electronics and Communication Engineering

National Institute of Technology, Hamirpur

July 2020 - May 2024 Grade Point - 7.61

12th standard

DPS, Dalhousie

April 2013 - March 2019 Percentage CBSE - 95.2

ACHIEVEMENTS

- Runner-Up in GitHub SPEC Hackathon 2022.
- Postman Student Expert for RESTful API testing and development.
- Active contributor to Hackertoberfest 2021, 2022, and 2023, annually organized by GitHub.
- Active contributor to SQLance Open-source project.
- Secured a rank of 3 out of 50+ teams in SPEC MLH Hackathon, a Coding Competition organized by SPEC NITH in partnership with MLH.
- Web Secretary of college annual website built on top of MERN stack for both technical and cultural fest.

POSITIONS OF RESPONSIBILITIES

- Web Secretary at Fest Nimbus NITH, responsible for managing tasks related to website design, development, and deployment.
- <u>Vice-President</u> of the core team responsible for the commencement of the annual cultural fest Hill'ffair 2023 NITH.
- Volunteered in organizing the Webshop as part of Team.EXE, the Technical Fest of NIT Hamirpur.