

SABIR ALI

MOHALI,PUNJAB

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EDUCATION

Chandigarh University

Bachelor of Engineering in Information Technology - **CGPA: 8.19**

August 2022 – July 2026

Mohali, Chandigarh

Co-operative Inter College

Intermediate of Science - **Percentage: 83.2%**

March 2018 – March 2020

Gopalganj, IN

Co-operative High School

High School (10th) - **Percentage: 67.8%**

March 2017 – March 2018

Gopalganj, IN

COURSEWORK / SKILLS

- Data Structures & Algorithms
- Operating Systems
- Database Management System (DBMS)
- Team Skills
- System Design
- Web Development

PROJECTS

Wanderlust (Airbnb-like Platform) 🗄 | MERN Stack, AWS

Dec 2023 – Mar 2024

- Built a **distributed** booking platform for 1,000+ users, processing 100+ weekly bookings with <200ms API latency.
- Implemented secure **auth** with Passport.js & cookies; deployed on Render with AWS S3 & CloudFront for fast global delivery.
- Developed 10+ **RESTful APIs** and optimized MongoDB indexes, cutting query times by 40%.

FaceCall Video Conferencing App 🗄 | MERN, WebRTC, Socket.io, JWT, Material UI May 2025 - June 2025

- Built a Zoom-like app supporting real-time video, audio, and chat for 50+ users simultaneously.
- Implemented secure access using **JWT**-based authentication and authorization, ensuring safe communication.
- Created **RESTful APIs** for managing rooms, users, and sessions.
- Designed a fully responsive **User Interface (UI)** with **Material UI**, ensuring usability across devices.
- Optimized **WebRTC signaling** and peer connections for low-latency, stable video/audio communication.

Online Marketplace (Shop by City and Category) 🗄 | MERN, Next.js, Redux

Apr 2024 – Present

- Developed a full-stack marketplace for 200+ users, securing 1,000+ transactions with **Passport.js** authentication.
- Built 15+ **RESTful APIs** and optimized MongoDB queries with indexes, improving performance by 15%.
- Integrated **Redux** for efficient state management; deployed frontend on Vercel and backend on MongoDB Atlas.

INTERNSHIP

SmallBus

Sep 2025 – November 2025

Backend Developer Intern

Remote, India

- Building and maintaining scalable backend services with **Node.js**, **Express.js**, and **MongoDB**.
- Implemented secure **authentication & authorization** for user management.
- Integrated APIs for business operations, improving efficiency of data flow across services.

Prenagati Technology

May 2024 – Jul 2024

MERN Stack Developer Intern

Mohali, India

- Optimized backend services, improving API throughput by 25% for scalable web applications.
- Secured 1,000+ user accounts with **JWT** and **Passport.js** authentication.
- Developed & tested 15+ **RESTful APIs**, achieving 100% coverage and faster data retrieval.

TECHNICAL SKILLS

Languages: Java, JavaScript, C++, MySQL, TypeScript

Developer Tools: VS Code, Postman, MongoDB Atlas, GitHub, DataGrip, Vercel

Technologies/Frameworks: ReactJS, Redux, Next.js, Node.js, Express.js, MongoDB, Mongoose, Docker, Passport.js, RESTful API, Object-Oriented Programming, Cookies, Sessions, Redis

Cloud & Platforms: AWS (EC2, S3, Lambda, RDS, CloudFormation, IAM, VPC, CloudWatch, Route 53, ELB, Auto Scaling, API Gateway, SNS, SQS, EKS, ECS, VPC design, Security Groups, NACLs, IAM Policies, Roles, AWS WAF, AWS CloudWatch)

ACHIEVEMENTS

- **Solved 1100+ DSA Questions** – Mastered DSA with 1100+ problems solved. [View Profile](#)
- **GFG 4 Star Contest Rating: 1800+** – Achieved 1800+ rating in GeeksforGeeks contests. [View Profile](#)
- Applied optimization techniques (dynamic programming, graph algorithms, and complexity reduction) to solve high-scale computing problems efficiently.
- **Certified MERN Stack Developer** – Coursera.
- **Financial Markets** – Yale University (Coursera).
- Designed and implemented solutions from ambiguous requirements, converting high-level concepts into functional, production-ready features.