

# Bashar Ahmad Khan

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## SKILLS

- **Languages:** Python, C, C++, Java, JavaScript, TypeScript, PHP, SQL, MongoDB
- **Frameworks/Libraries:** React.js, Node.js, Express.js, Tailwind CSS, NumPy, Matplotlib
- **Tools/Platforms:** Git, VS Code, Sublime Text, Atom, PyCharm, IntelliJ, Docker
- **Soft Skills:** Problem-Solving, Adaptability, Leadership, Work Ethic and Accountability

## PROJECTS

### Scriby- AI-Powered Note-Taking Application | GitHub | Live

Aug' 2025 – Nov' 2025

- Developed an AI-driven note-taking platform featuring automated summarization, semantic search, encrypted data handling, real-time calendar syncing, and optimized backend performance.
- Built optimized backend workflows using JWT auth, RESTful routing, async operations, middleware pipelines, and third-party API integrations to enhance system performance.
- Improved efficiency and reliability, increasing API throughput 35%, boosting user productivity 30%, and reducing manual documentation 40% using AI summaries, optimized queries, encryption, and rate-limiting.
- Tech Used: React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, bcrypt.js, REST APIs, Tailwind, Axios, OpenAI API, Google Calendar API, MVC, Middleware, CORS, Git/GitHub, Postman.

### Bill Quill – Real-Time Invoice Management Application | GitHub | Live

Jul' 2025 – Aug' 2025

- Engineered a real-time invoicing system on the MERN stack with dynamic billing workflows, automated calculations, modular client/product catalog management, and secure data processing.
- Implemented audit-ready financial logging and continuous data syncing using optimized REST operations to maintain accurate, consistent, and highly reliable records.
- Strengthened security and performance using tokenized access, optimized routing, indexed schemas, XLSX export, validation rules, and concurrency-safe logic, resulting in 20% higher billing accuracy.
- Tech Used: React.js, Node.js, Express.js, MongoDB, Mongoose, JWT, XLSX, Tailwind CSS, Axios, REST APIs, CORS, Middleware, Async/Await, Git/GitHub, JSON, Data Validation, API Routing, Postman.

## TRAINING

### Full Stack Web Development | CipherSchool | Certificate

Jul' 2025

- Completed Full-Stack MERN Development training at CipherSchool, with practical experience in MERN stack.
- Built full-stack projects involving UI development, API creation, database schemas, JWT auth, routing, state management, responsive design, and deployment workflows.
- Strengthened skills in JavaScript, REST APIs, CRUD, Git/GitHub, async programming, Postman testing, error handling, performance optimization, and scalable application design.
- Tech Used: MongoDB, Express.js, React.js, Node.js, JavaScript, REST APIs, JWT, Git/GitHub, Postman, HTML, CSS, Responsive Design, MVC Patterns.

## CERTIFICATES / CERTIFICATION

- Nptel – Cloud Computing | Swayam-Nptel | [Certificate](#) Nov' 2025
- Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate | Oracle | [Certificate](#) Sept' 2025
- Introduction to Hardware and Operating Systems | Coursera | [Certificate](#) Sept' 2024
- The Bits and Bytes of Computer Networking | Coursera | [Certificate](#) Sept' 2024

## ACHIEVEMENTS

### Data Structures & Algorithms Excellence

Solved 550+ problems across platforms.

### LeetCode Performance

Completed 350+ problems, achieved a 1529 contest rating, and ranked in the top 36.12% globally.

### Multi-Language Coding Proficiency

Achieved 5-star Python, 4-star C++, and 3-star C on HackerRank.

### Competitive Programming Skills

Secured a 2-star CodeChef, demonstrating strong problem-solving and contest performance.

## EDUCATION

### Lovely Professional University

Bachelor of Technology in Computer Science and Engineering - CGPA: 8.09

Phagwara, Punjab  
Since Aug' 2023

### Dav Public School, Cantt, Area

Intermediate

Gaya, Bihar

Apr' 2021 – Mar' 2022

### Elegant Public School

Matriculation

Gaya, Bihar

Apr' 2020 – Mar' 2021