Mohd Ashkan Khan

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Technical Skills

Languages & Tools: JavaScript, TypeScript, Java, Python, C, C#, HTML, CSS
Frameworks & Libraries: React.js, Next.js, Node.js, Express.js, Tensorflow, Flask, TailwindCSS, WebSockets, Redux
Databases: MongoDB, MySQL, ConvexDB | **Version Control:** Git, GitHub

Professional Experience

Full Stack Developer Intern: *Finsocial Digital Systems, Remote*   Dec 2024 - Jan 2025
- Developed responsive user interfaces with React.js and TailwindCSS, and built RESTful APIs using Node.js and Express.js for seamless backend communication and authentication.
- Collaborated in an Agile environment, contributing to sprint meetings and code reviews to maintain clean, scalable code.

Software Engineer Intern: *Techpro Compsoft, Noida*   July 2024 - August 2024
- Gained hands-on experience in software development practices while building REST APIs using C# and .NET to enhance functionality and data interaction.
- Strengthened proficiency in ReactJS and C#, contributing to both frontend and backend development tasks.

Projects

NeuroChest – Multi-label Chest X-ray Diagnosis System   *GitHub*
Python · Tensorflow · Flask · React.js · TailwindCSS
- Built an ensemble deep learning model (VGG16, VGG19, DenseNet121, ResNet50) for diagnosing 14 thoracic diseases from 230K+ chest X-rays, achieving up to 96
- Developed a full-stack web app for real-time X-ray uploads and instant disease predictions with confidence scores.

Codinger - Online Code Editor and Code Snippets Sharing Platform   *Live* | *GitHub*
Next.js · ConvexDB · LemonSqueezy · Clerk · TailwindCSS · Framer Motion
- Created a code execution and sharing platform with syntax-highlighted snapshots, likes/comments, and animations using Framer Motion.
- Supported 10 languages with premium access via LemonSqueezy, and integrated Clerk authentication and ConvexDB for real-time functionality.

SpeakUp – Anonymous Workplace Reporting Platform   *Live* | *GitHub*
Next.js · TypeScript · TailwindCSS · ShadCN UI · NextAuth · ConvexDB
- Developed a secure, anonymous web platform that allows employees & students to report workplace incidents without revealing their identity, with role-based access using NextAuth, supporting Google/GitHub login and ConvexDB for real-time serverless data.
- Enabled admins to view and respond to incidents while preserving user anonymity in a responsive and accessible UI.

DocuFlow – Collaborative Document & Whiteboard App   *Live* | *GitHub*
Next.js · TypeScript · TailwindCSS · ShadCN UI · Kinde Auth · ConvexDB
- Developed a collaborative workspace with real-time whiteboard (Tldraw) and document editing (Editor.js), integrated with ConvexDB for CRUD operations.
- Enabled team management, role-based access, and secure Kinde authentication in a polished dark/light theme UI.

Education

Bipin Tripathi Kumaon Institute of Technology - Dwarahat   Aug 2021 – June 2025
Bachelor of Technology - Computer Science and Engineering

K.V.M. Public School - Haldwani   May 2021
Senior Secondary   Percentage - 94%

Achievements

- Qualified **GATE 2025** in Computer Science & Engineering.
- Solved **270+** problems on LeetCode, covering Data Structures and Algorithms.