NAVJOT KUMAR SINGH

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PROFILE SUMMARY

- Full-stack developer with experience in building secure, scalable web apps like DevCoNN using Node.js, Express.js, and MongoDB.
- Proficient in RESTful APIs, JWT authentication, bcrypt encryption, Docker, and Mongoose-based modular backend design.
- Skilled in debugging, Postman testing, and Agile collaboration for efficient and robust application delivery.

SKILLS

Languages:	Java, JavaScript, C++, PHP, Python, SQL
Frameworks & Libraries:	Node.js, Express.js, React.js, Bootstrap, jQuery
Databases:	MongoDB, MySQL
Developer Tools:	Postman, Git, GitHub, VS Code
Concepts:	REST APIs, JWT Authentication, Agile Development
Platforms:	Netlify, Replit

RELEVANT COURSEWORK

Data Structures & Algorithms	Operating Systems	Database Management Systems	Computer Networks
Object-Oriented Programming	Software Engineering	Machine Learning	Artificial Intelligence

PROJECTS

DevCoNN

- Designed and built a developer networking platform combining features of LinkedIn and Tinder for tech collaboration.
- Implemented secure user authentication using JWT, password encryption with bcrypt, and protected routes in Express.js.
- Enabled user profile management, connection requests, and request status updates (accept/ignore) via RESTful APIs.
- Modularized backend using Express routers and Mongoose models for clean code and easy scalability.

Tech: Node.js, Express.js, MongoDB, JWT, bcrypt, Mongoose.
Link: [DevCoNN GitHub](#)

CropSense

- Extraction of crop cycle parameters from multiple temporal data.
- Developed a Platform CropSense using HTML, CSS, and JavaScript, PHP, MySQL.
- With the help of this platform farmer get to know which crop is suitable for their land type in which weather.
- And what measure they should take so they can generate more and more yield.

Tech: HTML, CSS, JavaScript, PHP, MySQL.
Link: [Cropsense](#)

HONORS AND AWARDS

- **Rated 1564** on Leetcode
- **Rated 5★ on HackerRank** in C++ and Java
- **Among Top 1000** in NAEST conducted by Prof. H.C. Verma and IIT Kanpur

CERTIFICATIONS

- JPMorgan Chase Job Simulation – [Forage](#)
- Data Structures and Algorithms – [Algoprep](#)
- Responsive Web Design – [freeCodeCamp](#)

EDUCATION

Lovely Professional University, Jalandhar   Since August 2023
Bachelor of Technology (B.Tech) in Computer Science and Engineering