



ASHUTOSH PANDEY

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OBJECTIVE

Passionate B.Tech Computer Science student with hands-on experience in full-stack development and cloud technologies. Proficient in building web applications using React, Next.js, and Node.js, with practical knowledge of database management and system design. Certified in Cisco Networking (CCNA), Google Cloud Platform, and AI/ML fundamentals. Successfully developed and deployed multiple projects including a secure password management system and AI-enhanced meeting scheduler. Strong foundation in networking protocols, Linux systems, and modern development practices with a keen interest in solving technical challenges.

EDUCATION

BTech Computer Science and Engineering

Aug 2022 - Jan 2026

Jain University Global Campus, Bangalore

Relevant Courses: Data Structures, Algorithms, Web Development, Databases, Advanced Computer Networking, Software Engineering

TECHNICAL SKILLS

Programming Languages:	JavaScript, TypeScript, Python, C/C++, C#, HTML5, CSS3
Frontend Development:	React.js, Next.js, Tailwind CSS, Responsive Design, WPF
Backend & Databases:	Node.js, Express.js, PostgreSQL, MongoDB, MySQL, Supabase
Cloud & DevOps:	Google Cloud Platform, Docker, Git, Shell Scripting
Networking & Systems:	Cisco Networking (CCNA), Linux/Unix Systems, Network Security, VLAN Configuration
AI/ML & Tools:	Machine Learning, TensorFlow, Natural Language Processing, Data Visualization

PROJECTS

Password Manager & Security Suite

Built comprehensive password management application with security features including strength analysis and breach detection using React, TypeScript, Node.js, and PostgreSQL. Implemented AES encryption and secure authentication.

AI Meeting Scheduler with NLP

Created intelligent scheduling system using Next.js, TypeScript, and Supabase with natural language processing to parse meeting requests and detect conflicts. Integrated TensorFlow.js for ML-powered time optimization.

Finance Management System

Developed personal finance tracker with interactive data visualization using Recharts library. Built with modern web technologies and PostgreSQL for multi-user support with real-time expense categorization and budget tracking.

CERTIFICATIONS

CCNAv7: Switching, Routing, and Wireless Essentials

December 2024

Cisco Networking Academy

[View Certificate](#)

Linux Fundamentals

April 2025

LearnQuest - Coursera

[View Certificate](#)

IBM AI/ML Fundamentals

2024

IBM - Coursera

[View Certificate](#)

EXTRA-CURRICULAR ACTIVITIES

- Actively contribute to open-source projects on GitHub with focus on web development and networking tools
- Participate in coding competitions and hackathons to stay current with emerging technologies and best practices