VIKAS

Computer Science and Engineering

Chandigarh College Of Engineering & Technology

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Education	Institute	Year	CGPA/%
Bachelor Of Engineering (B.E CSE)	Chandigarh College Of Engineering and Technology	2022-25	7.4 (till 5th SEM.)
Intermediate/+2	GMSSS Sector 32 Chandigarh	2019-21	80.8%
Matriculation	GMSSS Sector 19 Chandigarh	2018-19	84%

PROJECTS

- **ShikshaSetu — Bridge of Learning** Github | Live Demo   *React (Vite), Node.js, Express, MongoDB, Mongoose, JWT, Tailwind CSS*

  ○ Developed a MERN stack-based learning platform with role-specific access for Students, Teachers, and Admins.
  ○ Implemented JWT-based secure authentication and login system for all user types.
  ○ Built an admin-controlled approval workflow for teacher/student registrations.
  ○ Managed user, course, and application data using MongoDB with Mongoose.
  ○ Enabled course browsing and secure purchase with payment gateway integration.
  ○ Deployed frontend on Vercel and backend on Render to maintain modularity and scalability

- **Ride-Hailing Web App with Socket.io and Google Maps** Github   *React, Node.js, Express, MongoDB, Socket.io, Google Maps API, JWT, Tailwind CSS*

  ○ Built a full-stack Uber clone using the MERN stack, enabling real-time ride booking with location tracking.
  ○ Developed driver and passenger workflows, including registration, login, and booking management with JWT authentication.
  ○ Used Socket.io for real-time updates between users and drivers during ride requests and trip progress.
  ○ Integrated Google Maps JavaScript API for live route display, location autocomplete, and map-based ride selection.
  ○ Stored ride, user, and driver data in MongoDB Atlas, and implemented secure password handling with bcrypt.

INTERNSHIP

- **STPI,** *Network Security Intern*   *June 2024*

  ○ Acquired foundational knowledge of network protocols, firewalls, VPNs, and secure network topologies.
  ○ Explored the architecture and working of intrusion detection/prevention systems (IDS/IPS) and network monitoring tools.
  ○ Understood network segmentation and access control mechanisms used in enterprise environments.
  ○ Learned about the role of data centers and co-location services in providing secure and scalable infrastructure.

PROFESSIONAL SKILLS

- **Fundamentals:** Data Structures and Algorithms, OOPs, DBMS
- **Programming & Scripting Languages:** C, C++, Python, JavaScript, HTML, CSS
- **Libraries / Frameworks:** React.js, Redux Toolkit, Tailwind CSS, Next.js, Node.js, Express.js, Socket.io, JWT, bcrypt
- **Tools / Platforms / Databases:** Git, GitHub, MongoDB, MySQL, Google Maps API, Vercel, Render, Postman

POSITION OF RESPONSIBILITY

- **ICR HEAD | *Training and Placement Cell of CCET***   *Jan 2024 – Present*

EXTRA-CURRICULAR

- **Member | APRATIM '23** – Worked in sponsorship, marketing, photography and press release committee
- **Sports Achievements:** Gold Medalist at the open National Championship in Kayaking and Canoeing(204 -2025) and Gold Medalist in State-level Open Championship (Chandigarh july, 2024) in Kayaking and Canoeing Secured 2nd position in basketball (2023, 2024)
- **Event Organizer:** Organized basketball tournament in 2023 attanded, Successfully completed an NSS adventure camp, enhancing leadership and survival skills.