

# Skand Kumar Choubey

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## Technical Skills

- Languages:** Java, JavaScript
- Frontend:** HTML5, CSS3, Bootstrap
- Backend:** Node.js, Express.js, RESTful APIs, Socket.io
- Databases:** MongoDB, MySQL
- Tools & Platforms:** Git, GitHub, Cloudinary, Mapbox
- Concepts:** Data Structures and Algorithms, CRUD Operations, Authentication & Authorization, Real-time Systems

## Education

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| <b>Bachelor of Technology in Computer Science and Engineering</b><br>VIT Bhopal University, Sehore, Madhya Pradesh | Expected May 2027<br><b>CGPA: 9.14/10.0</b> |
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| <b>Class XII (CBSE)</b><br>R.P.M. Academy, Gorakhpur, Uttar Pradesh | May 2022<br><b>Percentage: 90.6%</b> |
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| <b>Class X (CBSE)</b><br>R.P.M. Academy, Gorakhpur, Uttar Pradesh | May 2020<br><b>Percentage: 96.6%</b> |
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## Work Experience

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| <b>Full Stack Development Intern</b> — <a href="#">amasQIS.ai</a> , Muscat, Oman<br><a href="#">GitHub Repository</a> | <b>May 2025 – Present</b> |
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- Collaborated with a team of **11 developers** to enhance **HRMS and Project Management tools** used by **50+ internal users**
- Designed and implemented **RESTful APIs and CRUD operations** to improve backend efficiency
- Optimized system workflows, achieving approximately **25% reduction in response time**
- Worked on **real-time data processing** using Node.js, Express.js, and MongoDB

## Projects

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| <b>HangOut — Social Media Platform</b><br><a href="#">Full Stack Developer</a>   <a href="#">GitHub Repository</a> | Dec 2025 |
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- Developed a social media platform with secure authentication and media uploads
- Implemented background jobs using **Inngest** for asynchronous task handling
- Used **Clerk** for authentication and **ImageKit** for optimized image delivery

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| <b>ConfirmStay — Accommodation Booking Platform</b><br><a href="#">Full Stack Developer</a>   <a href="#">GitHub Repository</a> | July 2025 |
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- Developed a full-stack accommodation booking platform connecting hosts and travelers
- Implemented user authentication, property listings, image uploads, and map-based search
- Integrated **Cloudinary** for media handling and **Mapbox** for geolocation services
- Followed MVC architecture and REST API best practices

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| <b>Sociogram — Real-Time Communication Platform</b><br><a href="#">Full Stack Developer</a>   <a href="#">GitHub Repository</a> | May 2025 |
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- Built a real-time chat application supporting instant messaging and media sharing
- Implemented WebSocket-based communication using **Socket.io**
- Designed scalable backend APIs for user and message management

## Leadership & Achievements

- House Sports Captain** (2019–2020): Led teams, organized sports events, and fostered teamwork
- Winner**, Inter-School Quiz Competitions (2018–2019)

## Certifications

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| <b>Data Structures and Algorithms</b> , Apna College — <a href="#">Certificate</a><br><b>The Bits and Bytes of Computer Networking</b> , Coursera — <a href="#">Certificate</a> | April 2024<br>Nov 2025 |
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