

SHIVAM KUMAR

Software Developer

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EDUCATION

Chandigarh University

MCA Cloud Computing & DevOps Computer Science

CGPA: 7.73

Mohali Punjab

July 2022 - July 2024

Arcade Business College

BCA Computer Science

Percentage: 64.73%

Patna

July 2019 - July 2022

EXPERIENCE

Rackron Technology PVT LTD | Backend Developer

Mohali | June 2024 - Present

Experienced in building robust and scalable backend systems using Node.js, Laravel (PHP), and Python. Skilled in designing RESTful APIs, working with relational and NoSQL databases, integrating third-party services, and optimizing application performance.

SKILLS

Programming Languages: C++, Javascript, Java, PHP, HTML, CSS, SQL, Data Structure, Python
Libraries/Frameworks: Bootstrap, Tailwind CSS, Laravel, React.js, Node.js, Express.js
Tools / Platforms: Linux, Git, Jenkins, Docker, AWS, Cloud Computing, DevOps
Databases: MySQL, MongoDB, RDBMS

PROJECTS / OPEN-SOURCE

E-Commerce Website | [Link](#)

React Js, Node Js, Tailwind CSS ,Express Js, MongoDB

Created an online store for seamless, secure shopping with easy browsing and efficient product management. Scalable solutions and a user-friendly interface for optimal customer transactions.

Personal Portfolio | [Link](#)

React js, Tailwind CSS

Designed a dynamic portfolio site showcasing projects, skills, and experiences with responsive design for accessibility. Features interactive elements and seamless navigation, effectively highlighting achievements.

Drive Buddy (Accident Prevention Detection)

Arduino, GSM, GPS, Sensor, C++.

Drive Buddy prevents accidents by alerting drowsy drivers and activating safety measures. In case of an accident, it swiftly notifies nearby authorities and emergency contacts, ensuring rapid assistance and potentially saving lives on the road.

CERTIFICATIONS

- DevOps Culture and Mindset - **Coursera: University of California, Davis 2023**
- Scientific Computing with Python - **FreeCodeCamp 2023**
- React.js & Node.js - **Infosys 2022**
- AI-ML - **Coursera: University of Washington, Agu 2023**
- C/C++/ JAVA/Linux Training - **Spoken Tutorial Project at IIT Bombay 2021**

HONORS & AWARDS

- Medal and First Prize (Engineers Day 2023, Chandigarh University): Awarded a medal and first prize for the Drive Buddy project, innovative contributions to road safety and enhancing driver safety.
- Second Prize (Project Expo, Chandigarh University): Defense-oriented project.
- Academic Excellence Award, Chandigarh University MCA Program, 2024