

Shubham Singh Kshatriya

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EDUCATION

Sardar Vallabhbhai Patel Institute of Technology | B.E in Information Technology

Jul 2017 - Jul 2021

Courses - Analysis and Design of Algorithms, Software Engineering, Database Management System

CGPA: 9.7/10.0

TECHNICAL SKILLS

Programming Languages	: JavaScript, Python, Java, C++
Frontend Development	: HTML, CSS/SCSS, TypeScript, Bootstrap, Tailwind, Vue.js, React
Backend Development & Database	: Node.js, Express.js, Django, MySQL, PostgreSQL, Firebase
Cloud & DevOps	: Docker, Version Control (Git)
Others	: RESTful API Design, Development & Integration, DSA, CI/CD, Debugging & Troubleshooting, Agile SDM (Scrum), Test-Driven Development

WORK EXPERIENCE

Zeus Learning | Software Engineer

June 2021 - Present

Zeus Learning | Software Engineer Intern

Feb 2021 - June 2021

Vue.js, Node.js, Express.js, PostgreSQL, Chart.js, Experience API, Vuetify, Tailwind

Mumbai, Maharashtra

- **Developed** and **maintained** software applications, refining user experience and boosting conversion rates.
- **Integrated** third-party services like G-Suite, MS Outlook, and ServiceNow into software applications, leveraging APIs and SDKs.
- **Conducted** thorough code reviews to ensure code quality and reliability.
- **Troubleshoot** reported bugs and **optimized** existing APIs to enhance overall product performance by 30%.
- Collaborated with **cross-functional teams** to gather requirements and design software solutions.

Scudo Systems LLP | Co-founder and Managing Director

Jul 2019 - Jul 2022

Python, Raspberry Pi, IoT, APIs

Ahmedabad, India

- Developed a **custom software** to provide **real-time tracking** monitor devices with 90% accuracy.
- Restructured **GPS algorithm** to provide a 10-meter radius accurate location and improve tracking efficiency.
- Conducted **extensive testing and debugging** for bug-free software with 40% faster response time.

PIblitz | Backend Developer Intern

Oct 2020 - Dec 2020

Django, Python, JavaScript, AJAX, APIs

Vadodara, India

- **Introduced 3+ new features** using Django and AJAX for PIblitz's platform.
- Performed code optimization and integrated cookies/sessions storage to **enhance platform performance**.
- Ensured **platform's design** consistency resulting in enhanced user satisfaction.

ACADEMIC PROJECTS

Park ME: Your parking partner (Previously: ParkUp) | Mobile Application

Tech Stack: Flutter, Firebase, Firestore, RazorPay, Twilio

- **Developed** this application that allows users to search and reserve available parking spaces at any location in real-time.
- **Integrated** Razorpay payment gateway, Twilio notification and QR code ticket generator to provide seamless service.
- Utilized Firestore to manage users and parking spaces, store reservation data, and process payment transactions.

Legal WIZ | Management Information System

Tech Stack: Django, SQLite, Twilio, JavaScript, HTML, CSS, Bootstrap

- Developed this software at the grand finale of **Smart India Hackathon 2020 (Software edition)** in a span of 36 hours.
- **Designed** database architecture, **developed** server-side logic of the application and **integrated** it with the user interface.
- **Led** the team, assigned tasks, monitored progress and **facilitated** effective communication to achieve project goals.

PROFESSIONAL ACCOMPLISHMENTS

- Received **Gold medal** for academic excellence (Bachelor of Engineering).
- Published a **research paper** entitled "Parkup" as co-author in IRJET, Vol 8, Issue 7.
- **Runners up** in Smart India Hackathon 2020 (Software edition).
- Authored nearly **200 technical articles** covering diverse topics, published at educative.io and dev.to.