

Rajkumar Prajapati

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Education

University of Hyderabad

Master Of Computer Application (CGPA: 7.8)

Hyderabad, IN

2021 -2023

Coursework - Theoretical Foundation of Computer Science, Programming Methodology, Computer Based Optimization Techniques, Social Systems, Object Oriented Design, Operating System, Computer Networks, Database Management Systems, Software Engineering, Design and Analysis of Algorithms.

Indira Gandhi National Tribal University

B.voc in Software Development (CGPA: 8.10)

Amarkantak, M.P.

2017 –2020

Course Work - Computer Fundamental, Java, web development Using PHP, Node JS and MYSQL, Computer Graphics and Multimedia, Web design in HTML 5 and CSS3.

Experience

Xebia - Product Engineering Hyderabad, IN

QA engineer

May 2023– Present

- Automated testing using **Java** and **Selenium**, enhancing efficiency and covering **100%** of test cases.
- Worked as a backend engineer with **Ruby on Rails** and **Spring Boot**, contributing to backend functionalities.
- Proficient in both **automation** and **manual testing**, ensuring comprehensive quality assurance.

Indian Institute of Technology Bombay

E-yantra, IIT - Bombay

- Created a self-balancing delivery bike using **Octave**, **CoppeliaSim**, **LQR**, and **PID** control, proving mastery in robotics and control systems for faster and more stable deliveries.
- Cut delivery times dramatically with advanced mathematical modelling, demonstrating the real-world value of our simulation techniques.

Universal Informatics

Indore, M.P.

Backend Developer

May 2019– July 2019

- Bootstrapped an end-to-end Bus management system using HTML, Bootstrap, NodeJS and MongoDB.
- Created a powerful Content Management System to serve as an interface for clients.
- Integrated APIs for OTP verification, email/SMS notifications and security updates.

Projects

Photography Portfolio (client work)

- Designed an intuitive and creative website to showcase photographs spanning 20+ categories.
- Integrated CMS for easy management of content by the client, including security alerts, photo verification and offline testing.
- Implemented live chat and integrated RazorPay payment gateway, increasing revenues by 600%.
- Created scheduling options for pre-booking with calendar integration.

Alumni Portal (for IGNTU's B.Voc. programme)

- Created a long-term scalable solution for managing alumni records
- Designed and implemented database schema, frontend and backend.
- Performed alpha-beta testing, refinement and deployment of the portal on the university's server.

Skills & Interests

Programming Languages - Python, C, Java, PHP, MYSQL

Abilities: Client Interaction and Requirement gathering, Algorithmic design, DBMS, CMS, Version control (Git & GitHub), real-life problem solving and software engineering skills

Areas of Interest: Systems engineering, ethical hacking, wilderness exploration