RISHABH SHARMA

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Experience

Codenicely   **March 2023 – September 2023**
Backend Developer Intern   *Raipur, Chhattisgarh*
- **Developed** and **deployed** a series of **REST APIs** using **Django Rest Framework**.
- **Successfully integrated** multiple **third-party** APIs for enhanced **functionality** and **data retrieval**.
- **Achieved** a **18% improvement** in API response times through **optimization techniques** and **code refactoring.**
- **Modernized** and **enhanced** legacy modules resulting in a **12%** improvement in **functionality** and **maintainability.**
- **Contributed** to the **on-time delivery** of **crucial modules**, meeting project **milestones** and **client expectations.**

Binomial Solutions   **September 2022 – December 2022**
Software Engineer Intern   *Raipur, Chhattisgarh*
- Successfully executed **automated testing** using selenium
- Assisted senior developers in creating and maintaining **automated test case**, resulting in more **efficient testing processes**.
- **Performed regression**, **functional**, and **performance** testing, resulting in a more **stable product**.
- **Analyzed** test results and reported defects to **development team**, enabling them to fix the issues in a timely manner.
- Worked **collaboratively** in a team **environment** to develop new **features** and improve existing **functionality**.

Technical Skills

Languages: Python, Java, C/C++, C#
Framework: Django, Django Rest Framework, ASP.Net core
Cloud: AWS
Developer Tools: VS Code, PyCharm, Bitbucket

Projects

Flow Stream | *Typescript, Next.js, React, Sanity.io*
- Flow Stream is built using **TypeScript, React, Next.js,** and **Sanity.io** for efficient development.
- Users can login in using **Google OAuth** Simplified login using Google accounts.
- Users share, discover videos by uploading, categorizing, browsing, and searching content.
- *GitHub Repository*

Automatic number-plate recognition | *Python, OpenCV*
- Developed an **ANPR** system using machine learning algorithms and **OpenCV** to recognize and **extract license plate numbers** from images
- Implemented **real-time** processing capabilities to enable quick and accurate **identification** of vehicles
- Utilized **computer vision** techniques with OpenCV to improve system accuracy and reduce false positives.
- *GitHub Repository*

Education

Shri Shankaracharya Institute of Professional Management and Technology   **July. 2019 – July 2023**
Bachelor of Technology in Information Technology | CGPA: 8.00   *Raipur, chhattisgarh*

Mother's Pride Senior Secondary School   **2018 - 2019**
12th *in PCM (Physics , Chemistry, Mathematics) , Percentage : 53 %*   *Raipur, chhattisgarh*

Veer Chhatrapati Shivaji English Medium School   **2016 - 2017**
10th *in General , Percentage : 44 %*   *Raipur, chhattisgarh*

Training

Codequotient   **February 2022 – May 2022**
SuperCoders Program
- Gained practical experience by tackling real-life problems in **MERN** stack development.
- Received guidance from **industry experts**, **enhancing skills** and knowledge in MERN stack.
- Comprehensive 3-month program provided unparalleled learning, mastering MERN stack development.