

Sabil Firdausi

Software Engineer

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Software Engineer adept at designing and implementing efficient software with the aim to be a part of the coveted organization and to contribute with my technical and behavioural skills with having 1.5 years of experience in various programming languages and frameworks, with a passion for continuous learning and staying ahead with new technologies.

Skills

- **Programming Languages:** Python, C++ , Javascript, Ruby
- **Web Technologies:** Ruby On Rails, Django, HTML, CSS, Javascript, Tailwind CSS, React.js, Frontend Development, Backend Development, UI/UX
- **Database Systems:** MySQL, PostgreSQL, MongoDB,
- **Cloud Technologies:** Google Cloud Platform, AWS
- **DevOps & Version Control:** Git, GitHub, Bitbucket, Docker
- **Specialized Area:** Data Structures and Algorithm, OOP Methodologies, Operating System, Database Management

Work experience

Mirraw | Software Engineer

Mumbai India | Oct 2024-April 2025

- Tools: Ruby , Ruby on Rails , HAML , SCSS , Javascript , Reactjs
- Contributed to full-stack development by implementing efficient backend logic using Ruby on Rails and enhancing user interfaces with frontend technologies.
- Deployed the staging environment by building and managing Docker images on AWS EC2 instances, optimizing the integration process and ensuring reliable pre-production testing.
- Collaborated across teams to deploy features, debug issues, and optimise both client-side and server-side performance for production applications

Segmetriq Analytics | Software Engineer

Navi Mumbai India | Nov 2023-Sep 2024

- Tools: Python, SQL , GCP, Javascript
- Architected and deployed ELT data pipelines using Cloud Data Fusion for efficient data ingestion and transformation into Big Query from various Sources like Cloud Storage, Cloud SQL, MySQL, and SQL Server.
- Orchestrated complex workflows with Cloud Composer to ensure data freshness and reliability.
- Automated workflows using Python-based Cloud Composer DAGs.

RAIT | Software Engineer Intern

Navi Mumbai India | Jan 2022 – Mar 2022

- Developed a file-sharing app over Wi-Fi with real-time connectivity
- Designed intuitive user interfaces using XML
- Used MySQL for database connection and storage

Education

Mumbai University |D.Y Patil's RAIT | B.E. Computer Science & Engineering

Navi Mumbai , India | 2019-2023

CGPA: 8.8/10

Projects

[Chrome Extension for Coding Platforms]

- The core feature of the extension is AI-powered assistance. By using an OpenAI API key, I integrated intelligent suggestions, fed the prompt hints, and code explanations directly into GeeksforGeeks and LeetCode
- Implemented the manifest file which was crucial for defining the extension's permissions, and UI elements, and specifying the integration with websites like GeeksforGeeks and LeetCode
- Created the CRX file (Chrome Extension file) for packaging and distribution. In the site configuration, I configured the extension to load dynamically on GeeksforGeeks and LeetCode pages. This allows the extension to inject AI-powered features like real- time code suggestions and automated hints directly into the web pages of these platforms.

[Weed Plant Detection]

- Project-based on ML where we used convolutional neural networks (CNN) which uses deep learning techniques
- Performed image classifications with YOLOv3 which is a real-time object detection algorithm
- Identified the weed or harmful crops among the normal and good crops.
- Analyzed and used thousands of datasets from Kaggle to optimise the utmost accuracy.

Publication

[Weed Plant Detection]- [Weed Plant Detection from Agricultural Field Images using YOLOv3 Algorithm | IEEE Conference. Publication | IEEE Xplore](#)