

ACHARYA VEDANT

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Results-oriented and innovative Software Engineer with a proven track record in designing and implementing robust and scalable solutions. Proficient in Java, Python, Rust, and adept at leveraging cloud platforms such as AWS and GCP. Skilled in full-stack development, with expertise in AngularJS and Node.js, as well as a strong background in database management and search analytics. Experienced in providing technical leadership, conducting comprehensive code reviews, and ensuring the delivery of high-quality software solutions.

EXPERIENCE

SOFTWARE ENGINEER

Inventy Software Services Pvt. Ltd. | Ahmedabad, IN

01/2022 – 07/2023

1. Assumed a leadership role in the development and maintenance of the <https://www.mytaxprepoffice.com/> web app.
 2. Conducted in-depth unit testing and participated in comprehensive code reviews.
 3. Collaborated with senior developers to troubleshoot and resolve complex software issues.
 4. Worked closely with QA teams to identify and address software defects, ensuring robust and bug-free applications.
 5. Participated in Agile/Scrum meetings, contributing to sprint planning, daily stand-ups, and retrospectives.
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SOFTWARE ENGINEERING INTERN

Inventy Software Services Pvt. Ltd. | Ahmedabad, IN

11/2021 - 12/2021

1. Assisted in the development and maintenance of mytaxprepoffice web app, contributing to the entire SDLC.
 2. Collaborated with senior developers to troubleshoot and resolve software issues.
 3. Participated in code reviews and implemented improvements based on feedback.
 4. Conducted unit testing to ensure the reliability and functionality of code.
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EDUCATION

POST GRADUATE CERTIFICATE (CLOUD COMPUTING)

Loyalist College

Sept 2024 - Present

M.SC.IT

GLS University

Jun 2020 – May 2022

PROJECTS

In browser Printing (Using Rust):

1. Conceptualized and led the development of an innovative in-browser printing solution for the <https://www.mytaxprepoffice.com/> web application.
2. Utilized Rust and WebAssembly (Wasm) for high-performance printing, resulting in enhanced user convenience.
3. Collaborated with UX/UI designers to ensure a seamless and intuitive user experience
4. Enabled users to download tax-related documents directly from their web browser with a streamlined API call, enhancing user convenience and reducing server load.
5. Documented the integration process, providing clear instructions for maintenance and future enhancements to the printing module.
6. Achieved a notable 70% increase in processing speed, optimizing the overall performance of the <https://www.mytaxprepoffice.com/> web application.

WebSocket Server(Using Rust):

1. Developed a robust WebSocket server to facilitate real-time communication for a chat application for <https://www.mytaxprepoffice.com/> web application.
2. Utilized Rust programming language and tokio-tungstenite library to implement the WebSocket server, ensuring efficient and secure communication.
3. Implemented WebSocket technology to enable seamless, bidirectional communication between the server and clients in real-time.
4. Developed robust message handling mechanisms, including message parsing, validation, and efficient broadcasting to connected clients.
5. Conducted thorough testing and debugging processes to identify and rectify potential issues, ensuring the reliability and stability of the WebSocket server.

Web application(Full stack):

1. Contributed significantly to the end-to-end development of a robust web application, integrating cutting-edge technologies for optimal performance.
2. Implemented advanced features such as file upload/download, real-time search functionality using Elasticsearch, and efficient data storage with Couchbase and MinIO Server.
3. Conducted performance optimization, resulting in a 40% reduction in page load times.

Comparison web Application (Using Python Django Framework):

1. Designed and developed a Django-based web application for electronic device comparison.
2. Implemented user authentication and authorization features, ensuring a secure and personalized user experience.
3. Utilized A/B testing methodologies to enhance user engagement and conversion rates.

Terraform Project:

1. Led the implementation of a Terraform project, automating infrastructure provisioning on AWS.
 2. Designed and deployed EC2 instances, configured S3 bucket infrastructure, and established robust Identity and Access Management (IAM) policies.
 3. Implemented CI/CD pipelines, reducing deployment time by 30%.
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SKILLS

Programing Languages:

Java, Python, Rust, C++, C, R.

Web Technologies:

HTML, CSS, JavaScript, AngularJS, Node.js.

Cloud Platforms:

GCP, AWS, Azure, Terraform.

Databases:

MongoDB, MySQL, Couchbase.

Search Analytics:

Elasticsearch, Kibana, Minio server.

Project Management:

Familiar with Agile methodologies.

Soft Skills:

Problem-solving, critical thinking, adaptability.

Leadership and Teamwork:

Collaborative team player, experienced in leadership roles.

Algorithm and Data Structures:

Proficient in algorithms and data structures.

Machine Learning/AI:

Basic understanding of machine learning concepts.

CERTIFICATES

1. Mobile Application Development Using Flutter.
2. SMART HACKS Quiz (By:- IIT Kanpur).
3. Data Science & Machine Learning Course (Pursuing).
4. Inventy Software Services 5 months Internship certificate.

ABOUT ME

Date of Birth: 02/06/2000

Age: 23

Nationality: Indian