JAYESH M. CHAVAN

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PROFESSIONAL EXPERIENCE

VISIBLE ALPHA   **Mumbai, India**

Software Development Engineer 2   **NOV 2021 – SEP 2022**

- Streamlined software development and deployment processes by implementing GitLab CI pipeline across three Python projects.
- Provided mentorship and leadership to a team of four developers, guiding them in the implementation of Python unit tests and GitLab CI to enhance code quality.
- Enhanced the reliability of microservice by developing and integrating system health check tools.
- Ensured the stability of the file manager server through rigorous testing and proactive maintenance, working independently.
- Managed code reviews and facilitated agile sprint planning to ensure timely delivery of high-quality software products.
- Implemented a data logging service by utilizing Django model signals, resulting in a 50% reduction of time and effort required for issue identification and resolution.

ZEUS LEARNING SYSTEMS   **Mumbai, India**

Software Engineer   **JUN 2019 – NOV 2021**

- Collaborated closely with senior team members to implement 5+ microservices.
- Developed a cost-effective media microservice that reduced licensing expenses by 30%.
- Independently delivered three full-stack modules.
- Developed a frontend module which is framework agnostic, resulting in a 50% reduction in maintenance time.
- Automated handling of personal data on AWS S3 to achieve GDPR compliance, eliminating the need for manual effort.
- Executed proof of concepts and delivered presentations to both team and stakeholders.
- Conducted thorough code reviews to ensure quality and consistency.

CELLGO GMBH   **Paderborn, Germany**

Student Assistant - Developer   **MAY 2023 – Current**

- Optimized a warehouse simulation algorithm resulting in 25% increase in throughput.
- Migrated the visual simulation platform from p5.js to Babylon.js.

EDUCATION

UNIVERSITY OF PADERBORN   **Paderborn, Germany**

Masters in Computer Science   **2022-current**

MUMBAI UNIVERSITY   **Mumbai, India**

Bachelors in Computer Engineering   **2015-2019**

SKILLS

- **Front-end:** HTML, CSS, JavaScript, TypeScript, Angular
- **Back-end:** Python3, Django, Flask, Express.js, RabbitMQ
- **Database:** MySQL, Mongo Db
- **Task Management:** Agile, Jira, Miro, Redmine
- **Other:** AWS S3, Shell, Linux, Docker, Git, GitLab, WSL2

LANGUAGES

- **English:** C1, Full Professional Proficiency
- **German:** A1, Elementary Proficiency

ACHIEVEMENTS

- **Visible Alpha CODEATHON 2022: 2nd Runner Up**
  Designed and implemented a Slack chatbot solution to handle internal queries.
- **Research Paper**
  "Depression Detection and Prevention System by Analysing Tweets", Conference On Technologies For Future Cities (CTFC), Available at SSRN: https://ssrn.com/abstract=3358809
- **HackerRank Badges**
  https://www.hackerrank.com/cJayesh

CERTIFICATES

- **Python:** https://www.testdome.com/certificates/bda655285cce46c9ac1b318225198e85
- **Problem Solving:** https://www.hackerrank.com/certificates/bab0c4a5f15f
- **IELTS:** https://tinyurl.com/32xh32fr
- **Web Development Training:** https://tinyurl.com/2k6z5knh

MANAGEMENT AND LEADERSHIP

SOCIAL WING - RAIT
- Team leader for digital arts team
- Organizer for 4 volunteering events and a marathon

COMPUTER SOCIETY OF INDIA – RAIT
- Member of General Organizing Team
- Organizer for a Hackathon event

VOLUNTEERING EXPERIENCE

Orphanage Teaching, Tree Plantation, City Cleaning, Donations