

SANGAM ANGRE

+918796804941 • sangam.angre@gmail.com • Mumbai, Maharashtra, India • Open to Remote • Open to Relocate • [LinkedIn](#) • [GitHub](#) • [Portfolio](#)

Backend Software Engineer - Remote

Backend Engineer specializing in research-based technological application, with a record of overhauling architecture to enhance system performance and implementing microservices to optimize development turnaround time. Proficient in **Ruby On Rails, Python, and Node.js**. Recognized for reducing software bugs by 40% through code review processes, designing secure authentication systems, and dedicated to fostering team collaboration and mentoring junior developers.

- 5 Years of **Remote Work Experience**.
 - Holds **B1/B2 Visa** and traveled more than once to the United States.
-

Projects

BrowserStack, AB Experiments on Dynamic Pages, Remote, India, [Link](#) **May 2021 - Present**

- Developed and implemented a robust AB testing tool to optimize product adoption, retention, acquisition, and monetization strategies as part of the Growth Team, resulting in a 30% increase in user engagement and a 20% improvement in self-serve revenue.
- Developed a dynamic user persona-based automated experiment allocation system for AB testing, enabling Product Managers to modify audience parameters in real time, increasing in experimental agility and flexibility.
- Conducted AB experiments on dynamic pricing pages, leading to the release of 3 new plan versions and providing the leadership team with the capability to adjust product prices and improve conversion rates.
- Developed and integrated an AB experiment service as a microservice architecture, enabling seamless deployment across various product dashboards to increase new promotional assets (eg. Nudges, Modals, etc) release efficiency for improving product adoption and retention.
- Integrated AB Experiment attribution with Amplitude, Salesforce, and Mailchimp marketing tools to capture 30% more user properties for improved user segmentation, aiding product managers in making data-driven decisions.

Greyatom, GLabs, Mumbai, India, [Link](#) **May 2018 - May 2021**

- Developed a high-load recommendation service within the SaaS-based LMS, leveraging Python scripting language for efficient real-time coding practice, resulting in a 30% increase in user engagement.
 - I developed a feature enabling learners to write and execute code within the content platform, resulting in a 30% increase in user engagement and a 20% rise in coding proficiency.
 - Collaborated with frontend engineers to optimize React components for server-side rendering, resulting in a 40% reduction in page load times
 - Designed and implemented a microservice architecture for backend services, reducing latency by 40% and increasing system scalability to handle 3x more concurrent requests.
 - Developed automated CI/CD pipelines for GitHub repositories, reducing deployment time by 40% and enhancing code deployment efficiency.
-

Professional Experience

BrowserStack, India **May 2021 - Present**

Senior Software Engineer, Remote 100%

- Managed observability tools like Prometheus and Grafana to monitor pricing page performance metrics, resulting in a 60% reduction in error rates and efficient incident resolution with PagerDuty integration.
- Implemented a code review process that reduced software bugs by 40%, leading to a 25% boost in product quality and customer satisfaction at BrowserStack.
- Developed and maintained a centralized knowledge base by aggregating software project documentation, enhancing collaboration among cross-functional teams and ensuring efficient future development.
- Led a team of 4 junior developers in building and testing real-time web services for a high-load system.
- Implemented a highly secure two-factor authentication system and user identity management, reducing unauthorized access incidents by 30% and enhancing data security for over 1 million users.
- Utilized Prometheus and Grafana to set up service observability, and monitoring metrics, achieving an average response time improvement of 15% for backend services.

Software Engineer, Remote 100%

- Architected and implemented microservices utilizing distributed technologies, improving development turnaround time by 20%
- Designed and implemented an AWS cloud computing solution, reducing infrastructure costs by 20%, and increasing system reliability and performance.
- Optimized existing software code base to eliminate unnecessary complexity and achieve increased efficiencies in debugging and maintenance.
- Designed and developed a highly-available, fault-tolerant web application using modern cloud technologies

Education

University of Mumbai, Mumbai, India, Masters Of Science in Information Technology, (GPA: 60+), May 2008 - May 2010

- Studied specialized coursework in Distributed Systems, Software Engineering Practices, and Data Mining during the pursuit of Master's degree.

University of Mumbai, Mumbai, India, Bachelor of Science in Information Technology, May 2005 - May 2008

- Collaborated with faculty to publish a paper on emerging trends in Information Technology, which was featured in the university's tech journal.

Core Competencies

Programming Languages Python, Ruby On Rails, Node.js

Cloud Technologies Google Cloud, AWS Services & Ecosystem, Amazon Web Services, Cloud Computing

Database Management PostgreSQL, MySQL, Relational Databases, NoSQL, Amazon DynamoDB

API and Microservices RESTful API, Microservices, Application Programming Interface (API), Web Services

Development Tools and Processes Github, Code Review, JIRA, Agile Methodology, PagerDuty, Jenkins, CI/CD, Infrastructure as Code (IaC), Terraform, Pipelines

Additional Skills Redis, Caching, Apache Kafka, Google Pub/Sub, Google BigQuery

Soft Skills Design Principles, Service-Oriented Architecture, Team Collaboration, Problem Solving, Team Mentoring, Communication Skills

Awards

Black Belt , BrowserStack - Growth Team

Dec 2023

The Unsung Warriors Award , BrowserStack - Revenue Org

Aug 2023

Trust and Collaboration , BrowserStack - Growth Team

Sep 2022

Certifications

GDPR Certification, data protection, privacy, Udemy

May 2020

Learning Data Structures in JavaScript, Udemy

Apr 2020