Tanay Ghirnikar

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Software Engineer

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Experience

Jul 2021	**Software Engineer**
Present	AppDynamics - *Bengaluru, India*

- Optimized event processors for handling dissimilar event granularities, reducing downstream events sent by **80%** for specific cases
- Orchestrated a templating feature, increasing alerts configured by **148%** while reducing the average time to configure by **54%**. (reduced **P90** by **83%**)
- Engineered a database-agnostic query model, facilitating a smooth transition from MongoDB to PostgreSQL with **zero downtime** and sanity incidents
- Acquired ownership of an entire ecosystem, promoting code coverage to approximately **95%**, removing code smells, and improving code complexity
- Supervised **a team of three** newly hired employees through code reviews and carefully assigned tickets that'd facilitate smooth learning
- Resolved **11** customer-impacting issues by deploying appropriate hotfixes, providing adept workarounds to minimize impact, and documenting precise root cause analysis reports

Oct 2020	**Software Developer**
Jul 2021	Live Ombre - *Remote, India*

- Engineered a web scraper that'll parse the latest music events and ongoing streams across five different websites every day within 10 to 15 minutes
- Formulated contracts according to the given functional requirements and implemented cloud functions in Firebase to facilitate a streaming platform
- Introduced "Record Session" and "Invite from Audience" features, Promoting user interaction by 34% and improving stream's user retention by 23%
- Developed a streaming website according to Figma wireframes (using React and Agora.io), which averaged around 750 hours of streaming per week (peek of 12 consecutive streamers, each with viewership count of 5 to 120)

Projects

Web App	**Ladder (Bought by Sprawl Technology LLP)**

- A subscription-based learning platform that'll deliver lessons to WhatsApp in the form of PDFs, images, and videos
- Users can ask doubts to the designated learning instructor while modifying the frequency of further lessons at their convenience
- Promoted lessons according to the user's purchase history and geographical regions lesson popularity
- Technologies: Flask, Jinja2, Twilio, MySQL, AWS S3

Education

Jul 2017	**Bachelor of Technology (B. Tech)**
May 2021	Indian Institute of Information Technology, Allahabad - *Prayagraj, India*

Skills

- **Languages:** Hindi, English, Marathi
- **Programming Languages:** Java, Python, JavaScript
- **Programming Frameworks:** Micronaut, Spring Boot, ExpressJs
- **Miscellaneous Technologies:** Git, MongoDB, PostgreSQL, Apache Kafka