Sayyam Gatagat

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PROFILE SUMMARY

Software developer with over 3 years of experience building and scaling APIs and services using **Node.js, Flask, and Spring Boot**. Skilled in **MySQL** and other relational databases with a strong focus on data modeling, query optimization, and system performance. Experienced in cross-team collaboration and integrating backend services with frontend frameworks like React and Angular for full-stack delivery.

EXPERIENCE

Software Engineer   August 2022 – Present
Xoriant   *Pune, India*
  – Developed a Presentation Search Engine using **Flask, Elasticsearch, and MySQL**, supporting both semantic and keyword-based document search.
  – Created and maintained RESTful APIs for indexing, querying, and retrieval, and containerized services with Docker for deployment.
  – Built scalable backend services in **Spring Boot and Node.js** for systems such as reminder services and performance evaluation platforms.
  – Led backend development of an Appraisal Portal (**Node.js, MySQL, Angular**), streamlining evaluation workflows for 4,000+ employees.
  – Designed and optimized backend logic and APIs for a Resource Allocation System, reducing project assignment turnaround time by 30%.
  – Contributed to frontend integration (Angular, React) when needed to support end-to-end delivery.

TECHNICAL SKILLS

Languages: Python, JavaScript, Java
Backend Frameworks: Flask, Node.js, Spring Boot
Databases: MySQL, PostgreSQL, MongoDB
Search & Indexing: Elasticsearch
Frontend (supporting skills): React, Angular, Ionic
DevOps/Tools: Docker, Git, Jenkins

EDUCATION

Walchand Institute of Technology   Solapur, India
Bachelor of Technology in Computer Science and Engineering (9.83 CGPA)   *Aug. 2018 – Jul. 2022*

PROJECTS

FaunaFind | *Flask, MySQL, React*
  – Built a Flask-based search API with TF-IDF and cosine similarity for image metadata retrieval, backed by MySQL for structured storage.
  – Implemented preprocessing (tokenization, stopword removal, stemming) to improve query and metadata quality.
  – Designed RESTful endpoints to serve JSON responses with similarity scores, image URLs, and descriptions.
  – Integrated a minimal React frontend for querying and displaying results.

GDG Pune Awards Portal | *Node.js, PostgreSQL, React*
  – Developed backend APIs in Node.js with PostgreSQL for an online nomination and voting platform.
  – Implemented authentication and authorization using Auth0, ensuring controlled access to resources.
  – Designed APIs for nominee submissions, voting, and result aggregation.
  – Integrated with a React-based frontend for user and admin interactions.

Colloque | *React, Firebase*
  – Created a Q&A platform enabling students and teachers to post and resolve curriculum-related queries.
  – Used Firebase real-time database and authentication for posts, votes, and user sessions.
  – Developed core logic for ranking answers by upvotes and enabling anonymous posts.
  – Implemented the React frontend for posting and browsing questions.