Ashish Sharma

Chandigarh | +91 7018083803 | ashish.sharma.code@gmail.com | [Portfolio](#) | [LinkedIn](#)

EDUCATION

Jawaharlal Nehru Govt. Engineering College   **Sundernagar, H.P.**
Bachelor's of Technology   2017-2021

WORK EXPERIENCE

Grazitti Interactive   **Panchkula, Haryana**
Sr. Software Engineer   Feb 2025 - Present

- Designed and optimized API integrations with Salesforce, Zendesk, ServiceNow and Microsoft Dynamics, improving data processing efficiency and compliance.
- Led the architectural design and development of scalable, high-performance backend systems, optimizing efficiency for multi-tenant environments.
- Mentored and guided junior developers, fostering best practices in code quality, system design, and performance optimization.

Grazitti Interactive   **Panchkula, Haryana**
Software Engineer   Sep 2022 - Feb 2025

- Designed and developed "Knowbler," a web-based application from scratch, leveraging the following technologies: React, Redux, Node.js, Express.js, Salesforce (including Lightning Web Components - LWC), Docker, MongoDB, and PostgreSQL.
- Architected and developed a multi-tenant backend system, integrating MongoDB and PostgreSQL, to optimize scalability and performance for diverse client needs.
- Streamlined deployment processes using Docker, improving efficiency in application rollouts and maintenance.
- Optimized the crawling process to significantly reduce crawling time and restructured the entire codebase to eliminate API hit limits for platforms such as Salesforce, Zendesk, Microsoft Dynamics, and others, enhancing system efficiency and platform compliance.

Grazitti Interactive   **Panchkula, Haryana**
Software Trainee   May 2022 - Sep 2022

- Worked as part of the core team for SearchUnify, managing and enhancing the base architecture of the product to ensure scalability, reliability, and high performance.
- Contributed to security-related tasks for the product, implementing measures to safeguard APIs and protect against potential breaches, thereby enhancing the overall security of the system.

PROJECTS

- **[Portfolio Website](#)** - Created and hosted a Three.js portfolio website on an old Android phone, running 24/7 by utilizing Apache2, Termux-services, and CRON for SSL expiry updates. Implemented PM2 to manage processes, set up SSH for remote access, and developed a Telegram bot for automatic IP updates.
- **Face Detection Model -** Developed a face detection program in Python using OpenCV and deep learning techniques. Trained a dataset of individuals for accurate identification, employing Haar Cascade Classifiers for face detection and facial recognition models like Eigenfaces and LBP. Utilized libraries such as NumPy, TensorFlow, and Keras for training and real-time image processing.

LEADERSHIP AND ACHIEVEMENTS

Star Performer   **Grazitti Interactive**
Software Engineer

- Awarded "Star Performer" for September 2023, February 2024, and July 2024 for consistently driving timely spring closures and contributing to successful events like TSIA and Forrester Wave recognitions.

Key Contributor   **Grazitti Interactive**
Software Engineer

- Received the "Key Contributor Award" at the annual meet for the 2023-2024 cycle, recognizing my support role in onboarding and mentoring new team members.

Joint Secretary   **JNGEC**
Robotics Society

- Served as Joint Secretary of the Robotics Society in college, coordinating events, managing team activities, and overseeing the development of robotics projects. Played a key role in fostering collaboration and innovation within the society.

SKILLS

- **Programming Languages:** JavaScript, Python, SQL, TypeScript
- **Web Development:** React, Redux, Node.js, Express.js, HTML, CSS
- **Frontend Technologies:** Three.js, GSAP, Dat.GUI
- **Backend Development:** RESTful APIs, Microservices, Docker
- **Database Management:** MongoDB, PostgreSQL
- **Cloud & DevOps:** Docker, PM2, Apache2, CRON, Termux
- **Third-Party Integrations:** Salesforce, Zendesk, Microsoft Dynamics, ServiceNow
- **Version Control:** Git, GitHub, GitLab
- **Security:** OAuth, JWT, API Security Best Practices
- **Project Management:** Agile methodologies, Cross-functional collaboration, Product Delivery
- **Automation & Bots:** Telegram Bot API, CRON jobs