

Shikhar Srivastava



Personal details

Name
Shikhar Srivastava

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Address
Ludwigstr. 47
90763 Fürth

Date of birth
January 4, 2000

Gender
Male

Nationality
Indian

LinkedIn
linkedin.com/in/shiikharr

Languages

Hindi ●●●●●

English ●●●●●

German ●●●●●

Hobbies

- Gaming - Console Gaming
- Singing - Live Shows
- Traveling - Solo Trips, Group Adventures
- Sketching - Professional Portraits

Education

Oct 2024 - Present	Masters of Science (M.Sc) Field of study: Data Science Specialization: Machine Learning and Artificial Intelligence University: Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany
Jun 2018 - May 2022	Bachelor of Technology (B.Tech) Field of study: Computer Science and Engineering Final grade: 1.89 University: Vellore Institute of Technology - Bhopal, India

Research Publication & Hackathon

Oct 2024 - Jan 2025	The Future of AI in Production: Leveraging Kubernetes for Large Language Model Deployment Published In IJFMR Volume 7, Issue 1, Jan-Feb 2025 Link : https://www.ijfmr.com/research-paper.php?id=36056 This research paper introduces a transformative approach leveraging Docker's lightweight containerization and Kubernetes' robust orchestration to redefine LLM deployment.
Jul 2024 - Aug 2024	AI Hackathon 2024 : Supreme Court of India Proposal : To build an AI chatbot to answer legal queries, summarize judgments, and retrieve court documents in English and scheduled Indian languages using NLP.

Employment

Dec 2023 - Aug 2024	Senior Software Engineer Bajaj Finance Limited, Pune, India <ul style="list-style-type: none">• Boosted online customer base by 32% (100M+ on Play Store) with Quick QR Loan Scanner.• Designed Consumer Consent module for seamless authorization & compliance.• Secured data with AES-128 Encryption & SHA-256 Hash.• Implemented RBAC for microservices authentication.• Built three internal web portals (HTML5, CSS, JS).• Led a team of three, ensuring knowledge transfer & timely delivery.
Jan 2022 - Dec 2023	Software Engineer Bajaj Finance Limited, Pune, India <ul style="list-style-type: none">• Designed & deployed scalable Java Spring Boot microservices on AKS with Docker & Linux scripting.• Optimized RESTful APIs & caching, reducing production issues by ~80% and database costs by ~50%.• Integrated SAP APIs and ensured 90-100% test coverage with SonarQube & JUnit.• Led troubleshooting in critical meetings and provided production support using ADX & KQL.• Expertise in Azure DevOps, Apache Kafka, and SQL/NoSQL databases for efficient data management.

Core Competencies

Machine learning & AI

Deep Learning

Software Development & Web Technologies

Generative AI

Automation & DevOps for Data Pipeline

Version Control & Collaboration

Code Review & Quality Assurance

Problem-Solving & Optimization

Team Collaboration & Communication

Certifications

NASSCOM Analyst – Security Operation Center

Scored 93% and achieved the gold category certificate in SOC NASSCOM – Security Analyst

Data Management and Visualization

Earned a certification in Data Management and Visualization, gaining expertise in data handling and creating impactful visualizations for informed decision-making.

Complete Web Developer Course

Acquired hands-on experience in building responsive websites and web applications using HTML, CSS, JavaScript, and server-side development tools.

Projects

Jul 2021 - Dec 2021

VITConnect Web Application

Role: Full-Stack Developer

- **Developed** a social media Android app for VIT students, alumni, and faculty with authentication, post uploads (images/videos), likes, comments, and an inbuilt chat system.
- **Tech Stack:** Advanced Java, XML, HTML, CSS, JavaScript, Firebase (real-time updates, backend), Android Studio, REST APIs, Figma.

Apr 2021 - Jul 2021

Invoice2Ease Android Application

Role: Full-Stack Developer

- **Developed** a modular backend system with 6 core capabilities, advanced inventory forecasting (85% accuracy), and tailored recommendations using data-driven insights.
- **Tech Stack:** Python, Docker, Angular, PHP, AWS (scalable hosting), PostgreSQL, Jenkins; conducted data extraction and analysis for inventory optimization.

Dec 2020 - Apr 2021

CovidCensus

Role: App Developer

- **Developed** an Android app to display global Covid-19 statistics using a backend API and fetch vaccination availability data in India via a government API.
- **Tech Stack:** Android Studio, Java, Retrofit, JSON Formatter, RESTful APIs, XML/JSON, Material Design.

Technical Skills

- **Programming Languages:** Java, Python, JavaScript, TypeScript, HTML/CSS.
- **Frameworks and Libraries:** Spring Boot, Spring Batch, React, Angular, Node.js.
- **API Development:** RESTful APIs, SOAP APIs, Webhooks, API Gateway, JSON integration.
- **Data Analysis and Visualization:** Python (Pandas, NumPy, Matplotlib), Power BI, ElasticSearch.
- **Generative AI & LLMs:** OpenAI API, GPT-based integrations, AI-powered automation.
- **Database Management:** MySQL, Oracle, PostgreSQL, MongoDB, Azure Cosmos DB, Redis.
- **Automation & Cloud Technologies:** Microsoft Azure, AWS, Docker, Kubernetes, CI/CD pipelines.
- **DevOps Tools:** Jenkins, GitLab CI/CD, GitOps.
- **Version Control:** Git, GitHub, GitLab.
- **Networking and Security:** AES Encryption, SHA256 Hashing, RBAC implementation, vulnerability management.
- **Testing and Quality Assurance:** Postman, JUnit, Selenium, SonarQube, JMeter.
- **Software Development:** Microservices architecture, real-time data processing with Apache Kafka, and scalable system design.
- **UI/UX Design:** Skilled in creating user-focused designs using tools like Figma, Adobe XD and adhering to modern design principles.

Achievements & Awards

Oct 2023

KUDOS - Bajaj Finance Limited

Received the KUDOS award for designing and delivering highly efficient REST APIs, handling over 150,000 per day user requests within 2 months.

Jul 2023

Certificate of Appreciation - Bajaj Finance Limited

Received the CERTIFICATE OF APPRECIATION for dedication and ownership during Phase II Sprint 1 delivery of the Bajaj Finserv App.