SHREYA SHARMA

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CAREER OBJECTIVE

Passionate and results-driven Software Engineer with a strong foundation in troubleshooting complex technical issues, system design/architecture, Problem solving and optimizing system performance.

leveraging expertise in Java (Spring Boot), TypeScript(Next Js/ React Js), Python(Flask), Machine Learning and distributed systems architecture. Eager to apply proactive problem-solving skills, innovative thinking, and a collaborative mindset to drive software development excellence and achieve strategic business objectives.

EXPERIENCE

Precisely   July 2023 - Present
Software Engineer I

- Implementation of Sterling Integrator with AWS [EC2, S3, IAM, etc]
- Spearheaded implementation of Kafka, Docker, OCP (K8s), OAuth 2.0 with Sterling Integrator
- Implementation of Distributed System Architecture using Sterling Integrator and Global Mailbox, demonstrating expertise in distributed systems.
- Engaged directly with stakeholders for product feedback, driving product enhancements and improvements.
- Knowledge and implementation of cloud(AWS, Azure), CI/CD, Github, SQL queries, Java, Python, Aglie and scrum methodology.

Precisely   Feb 2022 - July 2023
Associate Software Engineer

- Created API endpoints for customers using Python, Node js/ React Js / Next Js
- Analyzed and optimized business-critical systems, saving millions by automating database maintenance, enhancing API endpoints, tuning system & adapters, analyzing thread dumps, etc
- Collaborated closely with cross-functional teams(Product managers, Designers, and Other developers) to enhance system performance and stability, receiving accolades for effective communication and problem-solving skills.
- Developing new user-facing features using React.js
- Building reusable components and front-end libraries for future use.
- Translating designs and wireframes into high-quality code.
- Understand business requirements and translate them into technical requirements.

Persistent Systems Limited
Machine Learning (Internship)

- Created end to end application using Flask framework in Python for backend, API endpoint, Machine Learning Model, JavaScript, UI/UX, MYSQL, CSS, HTML5
- Helped company create a machine learning model which accurately predicts potential Customer for their insurance plan [accuracy level : 70
- Involved in developing both frontend and backend of the application then deployed on company's internal network

PERSONAL PROJECTS

- **Your Personal AI Friend**
  - Next.js, React.js, Typescript, JavaScript, Redis(Cache), HTML5, CSS3, JavaScript, SQL, REST API, Pinecone (Vector database), Github Vercel CI/CD pipeline
  - Platorm where one can create AI models of famous people (celebrities, economist, etc) using Open AI API machine learning model.

- **HTML CSS to ATS Friendly Resume Maker**
  - Developed an in-house HTML/CSS to ATS-friendly resume converter, providing a free alternative to paid services using Next Js, Tailwind CSS, TypeScript.

SKILLS

Technical Skills:

- **OS:** Linux, AIX, Windows
- **Programming Language:** Java, TypeScript (JavaScript), Python, C, C++
- **Database:** Redis(Cache), Kafka, IBM Websphere MQ(Messaging Queue), IBM DB2, MS SQL, Oracle, MongoDB, Pinecone (Vector Database for Machine Learning LLM Models)
- **Framework:** Next Js(TypeScript), React Js(TypeScript), Java(Spring Boot)
- **Cloud:** AWS, Azure
- **Other Relevant Skills:** Machine Learning & Artificial Intelligence, ChatGPT, Bard, Tensorflow, Numpy, CI/CD DevOps, Github, Git, Containerization (Docker, OCP), HTML5, CSS3, JavaScript, SQL, Hibernate, JPA, Prisma

Soft Skills:

–**Excellent Communication & Written skills**, recognized for effective client and team interactions.

–**Strong problem-solving** abilities with a structured approach to troubleshooting and issue resolution.

–**Leadership qualities** demonstrated through leading projects and driving collaborative efforts.

–**Proactive Self learner** with a **disciplined** and **self-motivated** approach to **continuous improvement**

–**Other Relevant Skills:** Creativity, Critical Thinking, Empathy, Clarity of thoughts, Understanding Business Requirement, Holistic understanding how the product impacts the macro economics, Problem solving, Logic Building, troubleshooting,

ACHIEVEMENTS

- Spot Award for immense contribution towards business success in 2023

EDUCATION

Symbiosis Institute of Technology Pune, India Jul 2016 - October 2020
Bachelor of Technology in Computer Science GPA: 7.91/10.0
Coursework: Operating System, Computer Network, Database Management System, Data Structure & Algorithm, System Design, Distributed Systems, Machine Learning, Artificial Intelligence