Mohd Shahvez

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Professional Summary

Innovative **Full Stack Developer** with expertise in **Java**, **Python**, and **React.js**. Proven track record in designing scalable **RESTful APIs**, optimizing **SQL/NoSQL** databases, and implementing secure **JWT Authentication**. Adept at **Data Structures & Algorithms (DSA)** and leveraging **Generative AI** tools to accelerate the **Software Development Lifecycle (SDLC)**. Experienced in building responsive **UI/UX** and deploying applications using **Docker** and **CI/CD** pipelines.

Technical Skills

- **Languages: Java** (OOPs, System Design), **Python** (Scripting & Logic), JavaScript (ES6+), SQL.
- **Frontend: React.js** (Redux, Hooks), HTML5, CSS3, Tailwind CSS, Bootstrap, **User Interface (UI)** Design.
- **Backend:** Spring Boot, RESTful APIs, **FastAPI** (Basic), Microservices Architecture, **Role-Based Access Control (RBAC)**.
- **Databases:** MongoDB (NoSQL), MySQL, PostgreSQL, SQLite.
- **Tools & DevOps:** Git/GitHub, **Docker**, Postman, **JIRA** (Agile), **CI/CD**, VS Code.
- **AI Technologies: Generative AI** Integration (OpenAI/Stability AI), Prompt Engineering.

Experience

CloudCredits | *Backend Developer Intern*   *Dec 2024 – June 2025*

- **Full Stack Execution:** Independently architected and deployed two end-to-end web applications, ensuring seamless integration between **React.js** frontend and **Spring Boot** backend.
- **API Development:** Engineered **12+ optimized RESTful APIs** for an Event Management System, implementing strict validation and reducing response time by 30%.
- **Agile Collaboration:** Collaborated in **Agile/Scrum** workflows using **JIRA** for task management and Git for version control.
- **Quality Assurance:** Conducted rigorous **Code Reviews** and implemented **Unit Testing (JUnit)** to identify and resolve critical bugs, ensuring 99.9% application uptime.
- **Database Optimization:** Optimized complex SQL queries and MongoDB aggregations for an Athlete Directory, enhancing data retrieval speed.

Projects

Cloud Share – Secure SaaS File System | *Java, Spring Boot, React, MongoDB*   *link*

- **Security Architecture:** Developed a secure file storage platform implementing **Role-Based Access Control (RBAC)** and **Encryption** to protect sensitive user data.
- **Frontend Engineering:** Built a responsive **User Interface (UI)** using **React & Tailwind CSS**, featuring drag-and-drop uploads and dynamic dashboards.
- **Integration:** Integrated **Razorpay** for payment processing and **Clerk Auth** for identity management, demonstrating third-party API orchestration.

Ghibli AI Art Generator | *Python, Generative AI, React*   *link*

- **AI Integration:** Built an interactive application that leverages **Stability AI** models to generate custom artwork from text prompts.
- **Backend Logic:** Developed a Python-based logic layer to handle external **AI API** requests, managing rate limits and error handling efficiently.
- **User Experience:** Delivered a polished frontend allowing users to seamlessly switch between text-to-art and image-to-art workflows.

Invoice Generator | *React.js, Automation, PDF Handling*   *link*

- **Business Logic:** Engineered a professional billing tool with automated **PDF generation** and email dispatching capabilities.
- **Live Preview:** Designed a dynamic **User Interface (UI)** enabling real-time invoice customization and template selection.
- **Security:** Secured client logs and transaction data using **JWT (JSON Web Token)** authentication protocols.

Education

NxtWave Disruptive Technologies *Industry Ready Certification – Full Stack Development*   *2023 – Present*
Chaudhary Charan Singh University *Bachelor of Science (Mathematics)*   *Completed 2023*

Achievements & Competencies

- **Algorithmic Problem Solving:** Solved **500+ problems** on coding platforms, demonstrating strong grasp of **Data Structures & Algorithms (DSA)** in Java.
- **Adaptability:** Proven ability to transition between **Object-Oriented Programming (Java)** and **Scripting (Python)** environments based on project requirements.
- **Performance:** Recognized for delivering complex API integrations ahead of schedule during internship tenure.