SHIKHAR PATHAK

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SUMMARY

Results-driven Software Developer with hands-on experience in **Java, AWS, React**, **JavaScript** and **Angular**, specializing in scalable, high-performance applications. Proven ability in web development, API design, and system optimization. Skilled in **Python**, **Spring Boot**, **MongoDB**, **Node.js**, **Docker**, and **CI/CD**, with a strong track record of reducing latency, improving reliability, and delivering in fast-paced Agile environments.

WORK EXPERIENCE

FUll STACK DEVELOPER , Onboarded Google via Hyspring   August 2025 - PRESENT

- **Developed an AI-driven product analytics platform** for Walmart for product comparison and reporting, featuring multi-view dashboards and improved backend processing**.**
- **Created TeamSphere, an internal HR management system** for attendance and workflows with secure role-based access, using Next.js, Angular, and Spring Boot.
- **Contributed to a Google project** focused on enhancing dashboard performance by minimizing UI lag and refactoring React/Next.js components for better load times.
- **Designed scalable REST APIs,** reduced latency, optimized database queries, and improved UI rendering, delivering full-stack features across complex systems**.**

SOFTWARE DEVELOPMENT ENGINEER , Phonon Communication   March 2023 - JULY 2025

- **Enhanced the Billing Module,** resulting in a 95% reduction in processing time and greatly improving operational efficiency.
- **Introduced server-side pagination,** increasing data retrieval speed by 80% and improving system scalability.
- **Integrated AWS Pinpoint,** cutting email latency by 50% and boosting communication effectiveness.
- **Collaborated on both front-end and back-end development,** delivering high-performance, scalable, and user-friendly solutions, which improved system response time by 40%**.**

SOFTWARE DEVELOPER INTERN, Qurinom Solutions   July 2022-Dec 2022

- **Created an online** store that allowed over **100 local vendors** to set up an affordable online presence.
- **Optimized AWS EC2 hosting,** leading to a **25% reduction in** infrastructure costs and a 30% decrease in latency.
- **Improved website performance** through caching and database indexing, resulting in a 50% increase in page load speed.
- **Directed a team of five members** to guarantee smooth deployments, cutting deployment time by 40%.

SKILLS

Programming Languages: Java, JavaScript, Python, C, HTML, CSS

Frameworks & Libraries: Spring Boot, React, Node.js, AngularJS, Kafka, Jira

Cloud & Databases: AWS, MySQL, MongoDB, Docker ,CI/CD Pipelines, Kubernetes

Software Design & Architecture: High-Level Design (HLD), Microservices, REST API

DevOps & Version Control: Git, GitHub, Linux

Core Computer Science Concepts: Data Structures & Algorithms, Object-Oriented Programming (OOP), Algorithm Design

Soft Skills:

- Strong Communication & Team Collaboration
- Agile & Scrum Methodologies
- Debugging & Troubleshooting Complex Issues
- Code Review & Best Practices

PROJECT

Showcase (E-commerce Platform) :   **Technology used:** MongoDb, Node, React, AWS, HLD

- **End-to-End Platform Development:** Designed and developed a **scalable e-commerce platform**, enabling **local suppliers** to establish an **online presence** effortlessly.
- **Vendor Integration:** Supported **100+ vendors**, streamlining product listing and sales management.
- **Sales Growth & Performance Optimization**: Improved user experience through **optimized UI/UX design**, increasing **online sales by 20%.**
- **Scalability & User-Friendly Design:** Implemented a **modular and scalable architecture**, ensuring seamless expansion and easy onboarding for new vendors.
- **Cloud-Based Infrastructure:** Leveraged **AWS services** to enhance **platform reliability, speed, and security**, ensuring high availability and minimal downtime.

Central Web-Application: **Technology used**: SpringBoot, Java, Angular, MongoDB

- **API Development**: Designed and maintained **70+ RESTful APIs,** enabling seamless integration between internal and external applications. Implemented **microservices architecture** to enhance scalability and support high-volume transactions.
- **Security Enhancements**: Strengthened security by implementing **Spring Security** for **password encryption,** secure session handling, and **key storage in Redis.**
- **Performance Optimization**: Improved backend efficiency by optimizing **query execution and caching strategies**, reducing response time and **resource consumption** in high-volume environments.
- **Bug Resolution & System Stability**: Identified and resolved **100+ critical bugs**, enhancing backend reliability and performance under **heavy load conditions.**
- **Billing System Enhancement:** Transitioned to a **daily billing model,** cutting **processing time** and increasing system flexibility, resulting in **greater operational efficiency.**
- **UI Performance Optimization**: Implemented **pagination and lazy loading**, improving **data retrieval speed** and **UI responsiveness** for **low-latency applications.**
- **Service Architecture Design**: Developed **Redis-based backend services**, reducing **email latency by 40% while enhancing system** reliability and scalability.
- **Client Reporting & Analytics**: Automated **detailed client reports** for call and SMS **activity tracking**, improving **operational insights** and **business decision-making**.
- **Unit Testing & Code Coverage**: Developed JUnit test cases, ensuring **high API reliability** and supporting **low-latency performance** requirements.
- **Agile Development & Collaboration:** Worked within **cross-functional Agile teams**, driving **iterative improvements** and **ensuring on-time project delivery with best coding practices.**

PROFESSIONAL ACHIEVEMENT

- Recognized as "**Budding Star**" at Phonon Communication for **exceptional performance and problem-solving capabilities**.
- Ranked among **top problem solvers** by solving **700+ DSA problems**, including **500+ on LeetCode.**
- Received **Employee of the Quarter** for driving impactful solutions and system optimizations.

CERTIFICATE

- **AWS Certified Developer |AMAZON**
- **Machine Learning |Stanford University**
- **Java Certification |Udemy**
- **Web Development|Udemy**

EDUCATION

Bachelor of Technology in Computer Science   2019-2023
Guru Gobind Singh Indraprastha University   8.9/10

- Achieved **3-star coder status in CodeChef, 5 stars in Java** and **SQL** on HackerRank.
- Founder, **DLU Coding Club**
- **Champion,** Coding Ninja Hackathon.