PARAG KHANKARI

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EDUCATION

Northeastern University | Master of Science in Information Systems | GPA: 3.7   **Sep 2022 – May 2024**
Coursework: Web Development, Object-Oriented Programming, Database Design, Cloud Computing and Services, UI/UX
Pune University | Bachelor of Engineering in Computer Science | GPA: 3.33   **May 2016 – Jun 2020**

PROFESSIONAL EXPERIENCE

ZENSAR TECHNOLOGIES PVT LTD | Sr Full Stack Developer | Pune, India   **Sep 2021 – Aug 2022**

- Developed **Health Insurance Platform** with JavaScript (ES6+) and ReactJS, boosting user satisfaction by 40% and cutting claims processing time by 35% , improving SQL query efficiency by 13%
- Implemented **Redux** and **React Hooks** for efficient state management, reducing bugs by 30% and extending session duration by 20% also utilizing MySQL, Python, Excel, & Tableau to analyze large datasets
- Built automated **claims platform** with ReactJS, Node.js, and MongoDB, reducing processing time by 30% and increasing accuracy by 25%, while decreasing user drop-off by 21% with a revamped interface
- Enhanced **CI/CD** pipelines on **Google Cloud Platform** with **Jenkins**, **Docker**, and **Kubernetes**, accelerating deployment by 30% and improving deployment efficiency and code quality by 13% with **GitLab CI** & **Travis CI**
- Engineered **ETL** pipelines with **Apache Kafka** and **Spark**, improving data accuracy and processing times by 35% and enhancing data processing with advanced analytics using MySQL, Python, Excel, & Tableau

ZENSAR TECHNOLOGIES PVT LTD | Jr Software Developer | Pune, India   **Jul 2020 – Aug 2021**

- Architected high performance customer facing **e-commerce** application using ReactJs, Vue.js, Three.js, Redux.js state management, JavaScript, HTML5, CSS3, Bootstrap
- Designed & developed services , packages to classify firmware calls, integrating them with main packages using Java, **AWS S3**, **Lambda**, **CloudFormation**, & **Step Functions** which reduce dependencies on other teams by 60%
- Constructed **microservices** architecture, enhancing modularity and scalability, resulting in a 25% increase in flexibility
- Spearheaded cross-functional optimization of web services and **API** integration using **C#**, **MVC**, **Node.js**, **Express**, and **GraphQL**, achieving 18% backend efficiency improvement and seamless frontend-backend interaction

NEUTRINO TECH SYSTEMS | Full Stack Developer | Pune, India   **May 2019 – Apr 2020**

- Led front-end (HTML5, CSS3, ReactJS) and back-end (NodeJS, MongoDB) development, creating a **Workflow Management Tool** that boosted team productivity by 30%
- Pioneered **DevOps** strategy, creating **Jenkins2 CI/CD pipelines** and automating **artifact** removal, saving $60k/year
- Orchestrated and maintained backend services using **Spring Boot**, enhancing application performance, scalability, and reducing server response times by 20%
- Leveraged **Spark** for large dataset analysis, improving task tracking and progress reporting, reducing task completion time by 20% and boosting team efficiency by 25%

TECHNICAL SKILLS

Languages:	JavaScript, TypeScript, Java, C, C++, Python, SQL, HTML, CSS, AJAX
Technologies:	React.js, Linux, Unix, Bash, GitHub, JUnit, WordPress, Docker, Django, Jira
Tools:	VS Code, Eclipse, Google Cloud Platform, Android Studio, Figma, Moqupus, Postman
Cloud Services:	AWS (EC2, S3, Lex, Lambda), Google Cloud Platform (Cloud Build), Gitlab CI/CD, Jenkins

ACADEMIC PROJECTS

BOSTON ODESSEY | Northeastern University | *GitHub Link*   **Jan 2023 – Apr 2023**

- Engineered **travel app** with JavaScript, Node.js, and React, reducing booking time by 20 minutes
- Optimized **MongoDB** queries, validated with **Postman**, reducing response time and error by 19% and 12% respectively
- Integrated **Stripe** for payment security enhancement by 40% and utilized **Cloudflare API** for 60% faster image loading
- Executed **AWS SES** for automated email confirmations, enhancing user communication and satisfaction

RAY OF HOPE | Northeastern University | *Github Link*   **Sep 2022 – Dec 2022**

- Directed Java application interconnecting organizations and networks, improving communication efficiency by 40%
- Employed email alerts using **AWS SES (SMTP)** and graphical reports with **JFree** Chart
- Deployed using **AWS EC2** and **Docker**, ensuring high availability and reducing deployment times by 30%