Meet Patel

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Technical Skills

Programming Languages: HTML, CSS, JavaScript, Java, Python, C, GoLang, Android
Frameworks: Spring Boot, Django, NodeJS, AngularJS, ReactJS, VueJS, JQuery
Databases: Oracle, MySQL, NoSQL, PostgreSQL, MongoDB, Firebase
Testing: JUnit, Mockito, Postman
DevOps: AWS Cloud, AWS EC2, Docker, Github Actions, Runners
Tools & Technologies: Linux, Figma, RabbitMQ, Kafka, IntelliJ IDEA, VS Code, Jira, Shell Scripting
Visualization Tools: PowerBI, Tableau, Streamlit
Other: Word, PowerPoint, Excel, SSH, REST API, JSON, Object Oriented Programming, Agile

Education

Master of Applied Computing   Sep 2023 - Dec 2024
University of Windsor   *GPA: 84/100*

Bachelors of Computer Engineering   Jun 2018 - Mar 2022
Kadi Sarva Vishwavidyalaya   *GPA: 91/100*

Experience

Software Engineer   Jun 2022 - Jun 2023
MindArray Systems Private Limited   *Ahmedabad, IN*
- Contributed to the Network Monitoring Tool (Motadata) to ensure optimal uptime and cost efficiency, while participated in Scrum meetings with a 15-member, utilizing GitHub for Agile planning and collaboration
- Developed plugins in Java, Go, and Python to expand device monitoring capabilities, enhancing network management efficiency by 15%, leading to faster user response times with a strategic focus on innovation
- Enhanced application efficiency through advanced multi-threading concepts, reducing task execution time
- Engineered a feature-rich front end application utilizing Java and JavaScript frameworks, crafting 15+ reusable
- Ensured collaboration among subprojects and 12 microservices using messaging queue RabbitMQ

Intern Software Engineer   Jan 2022 - Jun 2022
MindArray Systems Private Limited   *Ahmedabad, IN*
- Collaborated with QA and Senior Engineers to enhance development workflows, implementing a robust code review process that resolved over 25+ bugs during the sprint
- Devised a responsive user interface for live projects using Ant Design and ReactJS, ensuring alignment with Figma designs; integrated REST APIs and optimized JSON object models to enhance loading speed by 40%
- Increased system performance by integrating Redis caching, reducing SQL transactions and cutting response times
- Implemented rigorous unit testing and code reviews, achieving over 80% code coverage and enhancing code reliability during testing and debugging processes

Projects

Greencart — *Python, Django, Github, HTML, CSS, JavaScript, Tailwind, SQLite*   July 2024
- Developed a responsive e-commerce website for plants using Django for the backend, and HTML, CSS, and Tailwind CSS for the frontend, ensuring an optimized user experience across devices
- Established a ticketing system that allows users to submit queries and track their resolution status, with an admin interface for managing and updating tickets

RentRipple — *ReactJS, NodeJS, ExpressJS, MongoDB, Redis, Docker, JWT tokens, AWS*   Jun 2024
- Built a full-stack e-commerce rental platform using ReactJS, Node.js, ExpressJS, and MongoDB, with JWT authentication and Redis for performance optimization
- Streamlined deployment using Docker and Amazon EC2, enhancing collaboration and optimizing CI/CD workflows with GitHub Actions and self-hosted runners
- Utilized GitHub for version control, ensuring effective teamwork and integration, resulting in a 20% improvement in code quality

NourishNet ⌂ — *Python, MySQL, Docker, Streamlit.io, Jupyter Notebook, Gemini AI*   Apr 2024
- Leveraged machine learning and AI for comprehensive data pre-processing and cleansing, utilizing techniques such as data normalization and transformation to ensure high-quality, accurate data for analysis
- Implemented structured storage solutions for large datasets in MySQL, optimizing database performance and utilizing Streamlit and Plotly for interactive data visualizations, enhancing data accessibility and insights
- Integrated Gemini AI to provide valuable insights into filtered data, enhancing decision-making capabilities

File Fuse ⌂ — *C, Linux, System Programming, Bash Scripting*   Mar 2024
- Built a custom C shell from scratch, handling user commands, special characters, and functionalities like piping, redirection, conditional execution, designed specifically for the Linux environment
- Designed load balancing and C multi-threaded server for efficient client communication and advanced file retrieval capabilities, leveraging functionalities such as background processing and foreground control
- Utilized concepts of Operating Systems, Network Protocols, and System Programming

Job Radar ⌂ — *JavaScript, Java, Github, ReactJS, Figma, Maven, Spring Boot, Jsoup, Selenium*   Dec 2023
- Developed a search engine for co-op job postings by crawling and scraping LinkedIn, Indeed, and Workopolis, utilizing advanced scraping techniques with Jsoup and Selenium to ensure up-to-date job data
- Engineered an auto-complete feature using a Trie data structure and Edit Distance algorithm in Java, enhancing search accuracy and user experience, reducing search times by 35%
- Crafted a responsive UI leveraging Bootstrap and ReactJS, implementing two RESTful APIs using Spring Boot to facilitate real-time data access, ensuring seamless integration and improved user experience

Co-Curricular Activities

NourishNet — *Selected NourishNet for CS demo-day presentations among 50 projects*
- Demonstrated strong problem-solving and presentation skills

EMC (**Event Management Committee**) Member at MindArray Systems
- Planned and executed events, demonstrating strong organizational and coordination skills, and enhancing company culture

SSIP (**Student Start-up and Innovation Policy**)
- Demonstrated entrepreneurial spirit and passion for innovation through involvement in start-up initiatives

Sarva Netrutva Leadership Program, KSV
- Developed leadership skills and strategic thinking through active participation

Certificates

Unix Essential Training, LinkedIn Learning	Jan 2024
Git Essential Training, LinkedIn Learning	Dec 2023
Learning Docker, LinkedIn Learning	Nov 2023
Learning Java 11, LinkedIn Learning	Nov 2023
Using Python to Interact with the Operating System, Google	Apr 2022
Introduction to Data Science, IBM	Jan 2022