Saad Mohy-Uddin Bhatti

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PROFILE

Industrious Full Stack Developer with expertise in backend development. Proven track record in designing scalable web applications and collaborating with UX/UI teams to enhance user interfaces. Seeking to leverage my skills in API development, CI/CD, and cloud infrastructure to contribute to powering innovative applications.

TECHNICAL SKILLS

- **Programming Languages**: JavaScript, TypeScript, Python, Java, C
- **Frontend Technologies**: React.js, Next.js, Vue.js, Nuxt.js, Material-UI, HTML, CSS
- **Backend Technologies**: Django, Flask, Node.js, Express, REST, GraphQL
- **Databases**: PostgreSQL, MySQL, MongoDB
- **Development Tools**: Docker, Git, Jira, CI/CD, Jest
- **Methodologies**: Agile, Scrum, Design Patterns, UI/UX Design

WORK EXPERIENCE

Full Stack Developer | *Vue.js, Nuxt.js, Node.js, Flask, Express, Vitest*   Apr. 2024 - Current
Docical – Toronto, ON

- Created 10+ customer-facing pages from wireframes, including a critical reporting app feature that increased the daily active users by 200.
- Applied industry-approved design patterns, reducing code by 600+ lines and improving render times by 12%.
- Introduced unit testing with Vitest, increasing test coverage to 40% and reducing overall time spent testing from 10 hours to 6 hours per sprint.
- Collaborated in product beta release and conducted code reviews with three co-developers and the team lead, ensuring adherence to best practices and improving code quality by 25%.
- Maintained 3 crucial backend features, cutting error rates by 15% and enhancing system reliability.

PROJECTS

Edopla | *TypeScript, React, Node.js, Express, MongoDB, Jest, Docker*   Oct. 2023 – Mar. 2024

- Integrated Joy-UI, elevating UI dynamics and responsiveness, which led to a 20% increase in user engagement.
- Architected a high-performance backend infrastructure, achieving an improved 150ms latency and 99.9% uptime.
- Implemented automated testing using Jest, decreasing production bugs by 60% and bug fix time to 2 days.
- Incorporated OAuth authentication with Google and GitHub, improving user onboarding efficiency by 35%.

Zoomer | *Java, Maven, PostgreSQL, MongoDB, Neo4j, Docker*   Sept. 2022 – Dec. 2022

- Engineered an API gateway, decreasing response times by 15% and ensuring seamless data exchange between users and microservices.
- Developed 3 backend RESTful microservices, enhancing data retrieval time to an average 350ms and improving data management efficiency with PostgreSQL, MongoDB, and Neo4j databases.
- Leveraged Java Maven and Docker, decreasing build times by 40% and improving deployment reliability.
- Established JUnit testing, providing comprehensive testing coverage of all microservice endpoints.

VoyageCanada | *JavaScript, React, Node.js, GraphQL, MongoDB*   Jan. 2022 – Apr. 2022

- Built a dynamic interface using Material-UI, increasing the average user satisfaction scores by 30%.
- Redesigned the MongoDB database, reducing data retrieval times from 500ms to 300ms.
- Authored detailed documentation for all features, reducing personal reference time by 40% and ensuring efficient project maintenance.

EDUCATION

Honours Bachelor of Science, Computer Science Specialization
University of Toronto • 2019 – 2023 • GPA: 3.63