Shishir Gururaj

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SUMMARY

Earnest, highly-motivated individual who likes to seek out new challenges, Is determined to grow professionally through continuous participation and learning. Looking for a riveting role in an esteemed organization that would help bring out the best in me.

EDUCATION

Portland State University   Portland, OR
Master of Science in Computer Science   *Sept.2022 – Expected Graduation date: April 2024*

Visvesvaraya Technological University   Belgaum, Karnataka, India
Bachelor of Engineering in Information Science   *Aug. 2016 – Aug. 2020*

EXPERIENCE

Engineer Trainee   April 2021 – July 2021
ParvaM ConsulTech Pvt. Ltd.   *Bangalore, India*
- Designed, developed an Android application using Java and Kotlin to facilitate day-to-day operations of an Organ Donor Center
- Designed, developed an automation feature, that enhanced handling service requests by 50%
- Designed, developed and maintained RESTful APIs that handled 100+ concurrent service requests

Graduate Engineer Trainee   July 2019
Xcelerator   *Bangalore, India*
- Led a team of 4 developers in Designing and developing a movie recommendation engine
- Collaborated with 5+ internal functional teams for application integration and testing
- Mined insights form MovieLens extensively for average consumer preferences

TECHNICAL SKILLS

Languages: Java, Python, C, C++, MySQL, JavaScript, HTML, CSS, R, PHP, x86 Assembly, XML, XHTML, Kotlin, Perl
Frameworks: .NET, React, Node.js, JUnit
Developer Tools: Git, Firebase, VS Code, Eclipse, Android Studio

PROJECTS

Virtual Eye | *Python, Raspberry Pi*   Sep. 2019 – May 2020
- Developed a virtual navigation system for the visually impaired through IoT and Machine learning
- Coupled TensorFlow with Raspebrry Pi for object and environment detection and identification
- Incorporated Google Text-to-speech for live audio feedback and Twilio for SOS
- Collaborated with Visually impaired individuals and NGOs for suggestion and feedback on design, development and testing

Foodie | *HTML, CSS, JavaScript, SQL and PHP*   Sep. 2019 – Nov. 2019
- Developed a full-stack web application to facilitate online food ordering and delivery services
- Collaborated with local food vendors for suggestions and feedback about the application

Spotlight | *Python, R and Java*   July 2019
- Developed a web application which served as a movie recommendation engine
- Mined insights from MovieLens extensively for average consumer preferences

Ferry4U | *C, C++*   Mar. 2019 – May. 2019
- Developed a reservation system to facilitate day-to-day transactions of ferry service providers
- Collaborated with local ferry service providers for inputs and critique about the system

YourTutor | *HTML, CSS, JavaScript, SQL and PHP*   Sep. 2018 – Nov. 2018
- Developed a full-stack web application to facilitate private tutoring services
- Collaborated with local teachers and students for suggestions and feedback about the application