Raghav Bali

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WORK EXPERIENCE

Software Development Engineer II, *Yahara Software*   **2022 - present**
- Worked as a Full-Stack engineer for custom software application for a public health project focused on child mortality prevention
- Solved application issues and implemented backend feature requests using C#, SQL (Microsoft SQL Server), MongoDb, and Docker
- Led a total revamp of the application frontend to use a modern React framework with Typescript along with Material UI and AG Grid libraries to improve user experience and implement previously unavailable frontend features
- Implemented automation of code deployment to server environments using CI/CD tools such as AppVeyor
- Interfaced directly with customers to collect requirements and establish user stories for features and future direction of the application
- Achieved certification in AWS and Microsoft Azure cloud technologies

Technical Solutions Engineer, *Epic Systems Corporation*   **2018 - 2021**
- Worked directly with top health systems in the country to provide software support and troubleshooting solutions for Electronic Medical Records (EMR)
- Provided technical support and onsite assistance in rollout of cardiology module to new customer that resulted in a 33% cost reduction in a 3 month time frame
- Wrote code and coordinated testing for development projects that allowed Epic organizations to download updates to their system with greater ease
- Led a project spanning multiple teams (R&D, QA, implementation) to develop and test software features that improved physician efficiency at hundreds of hospitals around the country
- Promoted to Team Leader and managed a team of three direct reports to ensure productivity and satisfaction amongst their clients
- Proactively enrolled in a graduate level computer science class offered by UW Madison in partnership with Epic to learn about artificial intelligence concepts
- Took on the role of Epic's official vendor liaison to Change Healthcare Cardiology, working with them to understand APIs and implement integration between Epic and third-party products

Research Associate, *Haverford College*   **2015**
- Wrote Python code for graphical modeling of trends in inorganic chemical reactions to create predictive modeling of yield purity with respect to input ratio

EDUCATION

Haverford College, Haverford, PA   **2014 - 2018**
BA in Economics, minor in Computer Science, Cumulative GPA: **3.6**

SKILLS / INTERESTS
- Proficient in Python, C#, SQL, React.js. Intermediate in C++, Java, Javascript, Django. Knowledgable about AWS and Azure cloud computing
- Captained the Haverford Cricket Varsity team for two years, leading them to the first unbeaten season since 1996
- Member of Haverford College's hip-hop dance group, Bounce
- Certified level 5 Trinity Guildhall in piano and level 3 in drums, self-taught guitarist