

PRAKASH SHANKAR

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EDUCATION

The University of Akron, Akron, OH

Bachelor of Science in Computer Science: Systems

Graduated: 12/2020

RELATED COURSES

- Data Structures
- Algorithm
- Object-oriented Programming
- Software Engineering
- Database Management
- Internet Systems Programming
- Human Computer Interaction
- Introduction to Bioinformatic

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, SQL

Web Skills: React, HTML, CSS, Bootstrap, jQuery

Technologies: GitHub, Microsoft Office

PROJECTS

TeamUp Meeting Application

A full-stack application leveraging a backend built with Spring framework hosted on Azure and incorporating a CI/CD pipeline, and a frontend built with React that allows users to manage user accounts and search for and create sporting events.

Roles / Responsibilities

- Designed responsive web pages to operate smoothly on any device.
- Created a Single Page Application using React JS.
- Implemented the DAO and MVC design pattern using Spring ORM and Spring MVC respectively.
- Exercised DevOps and Agile-Scrum by using GitHub and SourceTree.
- Utilized the React library like Bootstrap and React-bootstrap.
- Organized Views and State with React Router.
- Performed test cases using JUnit and Mockito.
- Implemented logging using the Log4j and AOP to easily log into a text file.

Environment / Technologies

Java, JavaScript, React, Azure, Spring Framework, Spring Data, Spring Boot, Spring Test, Spring ORM, Spring AOP, Spring MVC, Azure DevOps, Azure SQL Databases, REST, Maven, NodeJS, JUnit

Web Application with ORM

A web application leveraging Hibernate or Spring Data to produce either a RESTful service or a Servlet application with Tomcat, deployed remotely to an Azure virtual machine.

Roles / Responsibilities

- Created an Azure SQL database that holds employees' information.
- Developed using frontend technologies (HTML, CSS, and Bootstrap).
- Developed using backend technologies (Java, Spring, and Azure SQL).
- Used Microsoft Azure for storing and managing data.
- Utilized architectural pattern Model, View, and Controller.
- Designed minimalistic webpages using Bootstrap.
- Performed CRUD operations using Postman.
- Managed source control using Git version control.

Environment / Technologies

Servlets, Hibernate, Azure SQL Databases, Spring Data, Spring Boot, Spring AOP, Spring Framework