

Varada Rekhi

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EDUCATION

Amrutvahini college of engineering

Sangamner, India

Bachelor's in Computer Engineering (CGPA: 9.54/10.00)

August 2018 – May 2022

Coursework: Object Oriented Programming, Algorithms, Computer Networks, Operating System, Databases

Distributed Systems, Machine Learning, Data Science & Big Data Analytics

TECHNICAL SKILLS

Languages: C/C++, C#, Python, JavaScript, SQL, HTML/CSS

Frameworks & Libraries: gRPC, ASP.NET Core MVC, Entity Framework, Microsoft Foundation Class (MFC), ReactJS, NodeJs, Bootstrap, Flask, Pandas, NumPy, Matplotlib, TensorFlow, scikit-learn

Databases: MS SQL Server, MySQL, MongoDB, Firebase

Experienced with: ODBC, Microsoft Azure, MVC, Git, Jira, Android Studio, Power BI, Docker, Shell Scripting, Rest API

EXPERIENCE

Software Engineer

October 2022 – Present

Capgemini Engineering

Pune, India

- Collaborated with Canon Medical Systems Corporation, a leading MRI manufacturer, to develop innovative solutions.
- Engineered an internal tool to automate MRI SDK installation, reducing setup time by 50%
- Developed communication protocols between desktop and tablet MRI applications, creating APIs using gRPC
- Utilized C++, Python, and MS SQL Server for robust software development and database management.
- Deployed applications on Microsoft Azure, ensuring reliable performance and scalability
- Enhanced data analytics and visualization using Power BI and Advanced Excel, providing actionable insights

Intern Trainee

Feb 2022 – May 2022

Capgemini Technologies India

Pune, India

- Developed an event management app with ASP.NET Core MVC, reducing manual tasks by 30%
- Utilized MS SQL Server and Entity Framework, improving data retrieval efficiency by 40%
- Deployed the application on Microsoft Azure, ensuring 90% uptime and seamless scalability
- Implemented Logic Apps to automate email interactions, increasing user engagement by 25%
- Integrated Azure Blob Storage for image database storage, resulting in a 20% cost reduction for data storage

PROJECTS

Smart tourist scheduler | (*HTML, CSS, ReactJS, Bootstrap, MySQL*)

- Engineered a real-time tourist scheduler, automating daily itinerary creation based on user preferences and available time
- Implemented scheduling algorithms that improved itinerary efficiency, reducing planning time by 40%
- Integrated booking functionalities for over 100 hotels and flights, streamlining travel arrangements in a single platform
- Implemented Google Maps integration for real-time directions, enhancing navigation accuracy and user satisfaction by 30%

AgroTech – Farmer's Buddy | (*Python, Machine learning, scikit-learn and TensorFlow, Jupyter Notebook*)

- Developed a real-time, personalized platform for farmers to provide crop recommendations based on geographical data and real-time weather forecasting.
- Implemented advanced market analysis to suggest optimal prices for goods, adapting to current market conditions.

LEADERSHIP AND AWARDS

- **Guinness World Record:** Participated in the record for the "Largest Bharatnatyam (An Indian classical dance form) Performance in the World"
- **Cultural Head:** Led cultural initiatives in the Computer Engineering Department.
- **Member:** Contributed to the Association of Computer Engineering Students.