

KAPADI PRATIK KUMAR

ANKLESHWAR, GUJARAT

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EDUCATION

P P SAVANI UNIVERSITY, SURAT

B.Tech in Information Technology

Aug. 2023 – Nov 2027

CGPA - 7.19

Professional Experience

Associate Software Engineer

Aug 2024 – Present

- Developed and deployed Infrastructure as Code (IaC) using Terraform for Azure resources, ensuring modularity and scalability.
- Configured Azure dashboards to monitor different Azure Services, URL availability, response times, costs, and active alerts.
- Created Azure Function Apps using .NET 8 isolated with Flex Consumption Plan to improve cost efficiency.
- Automated Azure Stream Analytics outputs and alerting mechanisms using Terraform.

Project Trainee

Feb 2024 – Jul 2024

- Developed Azure DevOps automated CI/CD pipeline to deploy simple Java application.
- Designed pipeline utilizing Trivy to scan Docker images and filesystem, then automated report distribution via email.
- Implemented Azure DevOps pipeline seamlessly integrated with SonarQube for automated scanning of .NET projects, enhancing code quality assessment and optimizing our development workflow.
- Developed a Jenkins pipeline for Azure to provision Azure Web Apps using Terraform infrastructure as code.

PROJECTS

Online Bookstore [↗](#) | *React Js, React-router-dom, material-ui* | **GitHub** [↗](#)

Jun 2023

- Developed a fully functional online bookstore app powered by ReactJS and Material-UI.
- Enabled users to explore a diverse collection of books from different genres and authors.

Hotel Management System | *Java* | **GitHub** [↗](#)

Oct 2023

- Created a hotel management system with features like accommodation booking, billing, visitor management, and security.
- Enhanced functionality by integrating attendance tracking and maintenance scheduling.

ToDolist [↗](#) | *HTML, CSS, JavaScript* | **GitHub** [↗](#)

Jan 2023

- Designed an interactive task management tool with features like task creation, deletion, and completion tracking.
- Ensured a seamless user experience with a clean and intuitive UI.

Tic Tac Toe [↗](#) | *HTML, CSS, JavaScript* | **GitHub** [↗](#)

Mar 2023

- Built a browser-based Tic Tac Toe game with responsive design and real-time win condition tracking.

TECHNICAL SKILLS

Programming Languages: C, C++, Python, Java, JavaScript, SQL

Cloud & DevOps Tools: Bash Scripting, Ansible, Azure Cloud, Terraform, Docker, Jenkins, Azure Devops, Kubernetes

Developer Tools: Git, GitHub, Visual Studio Code, Pycharm, Xcodes, Netbeans

ACHIEVEMENTS / CERTIFICATIONS

- Microsoft Certified: Azure Administrator Associate (Certificate [↗](#)).
- Solved more than **50+ DSA** Questions on various platforms like LeetCode, GFG, CodeForces, CodeChef
- Successfully achieved an outstanding score of **82%** in the **Python for Data Science** course (Certificate [↗](#)).