

# Navya Ramachandra

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## Profile

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Software Engineer with an experience of 2+ years in implementing technical solutions to meet business needs. Skilled in automation, testing and troubleshooting, with a keen ability to maintain system integrity and reliability. Passionate about learning new technologies and skills to meet the evolving challenges of the industry

## Professional Experience

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### Accenture Solutions Pvt Ltd

Sep 2021 – Jan 2024 | Bengaluru, India

#### Application Development Analyst

- Automated routine tasks and critical business processes by developing robust scripts, resulting in substantial improvements in operational efficiency.
- Designed and implemented a CI/CD pipeline using Jenkins, SonarQube & Code Cloud to streamline code integration, automate testing and deployment.
- Managed system administration tasks, including vulnerability assessments, patching, server audits and certificate renewals, maintaining 100% adherence to security standards.
- Designed and optimized workflows for generating comprehensive financial reports, streamlining reconciliation application processes.
- Demonstrated expertise in troubleshooting and resolving production issues and code bugs, minimizing downtime and ensuring uninterrupted client service.
- Developed comprehensive test cases and conducted unit and integration testing of scripts to ensure compliance with quality standards.
- Developed SQL queries for database design, efficient data management, data-driven analysis and business requirements.
- Authored 15+ technical design documents and application interface documents, improving system maintainability and knowledge transfer.
- Collaborated with cross-functional teams for effective operations management and end-to-end project delivery in an agile environment.

## Projects

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### Portfolio Website

- Developed an dynamic portfolio website using HTML, CSS, and JavaScript. This site showcases my skills, professional experience, education and projects with a clean and responsive design.

### Deployment Pipeline Automation

- Designed and implemented a CI/CD pipeline using Jenkins, SonarQube and Code Cloud (Version Control) to automate the software development lifecycle
- The goal was to streamline code integration, automated testing and deployment, thereby increasing development efficiency, reducing manual errors, and ensuring rapid, reliable releases.

### Financial Workflow Automation

- Designed and optimized workflows for generating comprehensive financial reports using Fiserv workflow management software, thereby streamlining reconciliation application processes.

### Coronary Artery Disease Prediction (Machine Learning, Python)

- Developed an AI model for detecting Coronary Artery Disease, achieving 88.52% accuracy rate by using machine learning algorithms and Python providing valuable insights for proactive healthcare interventions.

## Education

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### Visvesvaraya Technological University

Aug 2017 – Jul 2021 | Bengaluru, India

Bachelor's in Electronics & Communication Engineering

- Grade - 8.24/10

## Skills

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- **Programming Languages:** Python, C, C++, Bash Shell Scripting, SQL
- **Operating Systems:** Unix, Linux (Ubuntu), Windows
- **Database:** Oracle, MySQL

- **Tools/Technologies:** Git, GitHub, SQL Developer, Visual Studio Code(VSCode), Jira, Toad, PuTTY, PyCharm, SonarQube, Jenkins

## Certificates

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Microsoft Certified: Azure Fundamentals

Microsoft Certified: Security, Compliance, and Identity Fundamentals