



# DIVYANG BHARATBHAI JOSHI

B.Tech. - CSE  
- PIET

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## BRIEF SUMMARY

Aspiring Computer Science student seeking hands-on experience in software development. Eager to apply technical knowledge and coding skills to contribute effectively to innovative projects and gain practical insights into the tech industry.

## KEY EXPERTISE

HTML5 CSS Javascript React.js Node.js Databases SQL MongoDB Github DevOps Docker  
Kubernetes Python NoSQL Django Microservices Bootstrap Microsoft Azure IBM CLOUD  
Front-End Web Development Back-End Development Machine Learning Software Engineering Data Visualization  
Data Analysis Data Analytics Artificial Intelligence Android Development Data Structures Algorithms OOPs  
Java Spring Spring Boot Cloud Computing

## EDUCATION

<b>Parul University</b> B.Tech. - CSE - PIET   CGPA: 8.19 / 10	2021 - 2025
<b>SHRI DINDAYAL SMRUTI TRUST SANCHALIT U.M. SHALA, Surat City</b> 12 <sup>th</sup>   GSEB   Percentage: 86 / 100	2021
<b>THE PANCHSHEEL MERCANTILE CO OP BANK LTD MADHYAMIK SHALA, Surat City</b> 10 <sup>th</sup>   GSEB   Percentage: 91.67 / 100	2019

## AWARDS AND SCHOLARSHIPS

- 1st Runner up Of HACKHAVEN 1.0 National Level Hackathon

## INTERNSHIPS

<b>LETS GROWMORE</b>   IT / Computers - Software Java Developer	01 Jan, 2023 - 01 Feb, 2023
<b>Key Skills:</b> Java JavaFX Java Swing Spring Spring MVC Spring Boot	
Collaborated with a virtual development team to design and maintain Java-based applications using Java SE 8, Spring Framework, and Hibernate. Actively participated in Agile methodologies, contributing to daily stand-ups, sprint planning, and code reviews. Developed RESTful web services and optimized database performance with MySQL. Worked closely with the UI/UX team to integrate front-end components, ensuring a seamless user experience. Created comprehensive technical documentation and engaged in continuous learning through internal workshops and mentorship from senior developers.	

## PROJECTS

<b>SWASTHYA SAMRAT - AI BASED HEALTH SYSTEM</b> Mentor: Prof Sudheer Kumar   Team Size: 4 Key Skills: Python Machine Learning Artificial Intelligence Android Development	01 Dec, 2023 - 31 Aug, 2024
In today's healthcare landscape, challenges like fragmented care and limited accessibility are prevalent. Swasthya Samrat addresses these issues by harnessing AI technology to offer personalized virtual doctor services. Our platform streamlines care delivery, ensuring accurate diagnoses and personalized treatment plans. Through features like appointment scheduling and medication reminders, we empower users to take control of their health journey conveniently. With Swasthya Samrat, we're revolutionizing healthcare, making it accessible, efficient, and user-centric. Join us in shaping the future of healthcare with technology and compassion at its core.	
<b>Spam Alert System</b> Team Size: 4	15 Mar, 2024 - 20 May, 2024

**Key Skills:** Python Machine Learning Cyber Security

Developed a robust spam detection system using Python and machine learning techniques. Designed to identify spam content in emails, including suspicious email addresses and SMS messages. Implemented advanced algorithms to enhance accuracy and efficiency, resulting in effective spam filtering and improved cybersecurity measures.

ACHIEVEMENTS

- o 1st Runner up Of HACKHAVEN 1.0 National Level Hackathon by Computer Science Society Of India With SLRTCE , Mumbai , Maharashtra
- o ShortListed for the Final Round Of HackTheLeague 3.0 National Level Hackathon , Jaipur
- o ShortListed for the Final Round Of CodeKshetra National Level Hackathon , Delhi
- o Selected at the State level in Science Fair by Government Of Gujarat

ASSESSMENTS / CERTIFICATIONS

IBM Full Stack Software Developer

**Key Skills:**

HTML5 CSS Javascript Node.js React.js Github DevOps Docker Containerization Kubernetes Python SQL NoSQL Django Microservices Bootstrap Web Application Security CLOUD Cloud-Computing

I have completed a Professional Certificate encompassing 10 courses on various Application Development and Cloud technologies. Equipped with the skills and knowledge required to tackle challenges in developing Cloud Native Applications, I possess hands-on experience with HTML, CSS, JavaScript, GitHub, Node.js, React, Cloud Native practices, DevOps, CI/CD, Containers, Docker, Kubernetes, OpenShift, Python programming, databases (SQL, NoSQL), Django ORM, Bootstrap, Application Security, Microservices, Serverless computing, and more. Additionally, I have deployed multiple applications on the cloud, completed a capstone project, and delivered a Software as a Service (SaaS) solution using Cloud Native methodologies.

IBM Machine Learning

**Key Skills:**

Ensemble Learning Linear Regression Machine Learning feature engineering Ridge Regression Statistical Hypothesis Testing Machine Learning (ML) Algorithms Supervised Learning Regression Analysis Exploratory Data Analysis Artificial Intelligence (AI) Decision Tree Deep Learning Reinforcement Learning Cluster Analysis Dimensionality Reduction Principal Component Analysis (PCA) K Means Clustering

SOFTWARE ENGINEERING

**Aggregate:** 64 / 100

**Key Skills:**

Software Engineering Software Testing Software Design Principle Procedual Design Methodologies Software Development Life Cycle Model

I have completed a course focused on addressing the unique challenges of large-scale software development. This course provided insights into the obstacles encountered in large-scale software projects and how to effectively overcome them. Beginning with fundamental life cycle model concepts, the course covered topics such as requirements specification, design considerations, and testing strategies. These concepts were illustrated using relevant examples to enhance understanding and application.

Data Analytics with Python

**Aggregate:** 78 / 100

**Key Skills:**

Python Data Manipulation Data Visualization Exploratory Data Analysis (EDA) Statistical Analysis Hypothesis Testing Machine Learning Concepts Data Cleaning and Preprocessing

The "Data Analytics with Python" course from NPTEL equipped me with essential skills in utilizing Python for data analysis and statistical modeling. Through this course, I gained proficiency in Python programming, probability theory, hypothesis testing, ANOVA, regression analysis (including linear and logistic regression), machine learning algorithms (such as decision trees and clustering), and model evaluation techniques like ROC analysis. I also developed hands-on experience in applying these concepts to real-world datasets, enhancing my ability to derive actionable insights from data and make data-driven decisions effectively.

Networking Essentials

### Key Skills:

Network Communication Importance of Standards and Protocols Ethernet Networks IPv4 and IPv6 Address Management  
Application Layer Services Wireless Network Configuration Network Security Cisco IOS  
Building a Computer Network using Cisco Devices

Completed Cisco's Networking Essentials certification course, gaining comprehensive knowledge of fundamental networking concepts and technologies. Developed proficiency in TCP/IP networking, LAN and WLAN technologies, network device configurations, and basic network security principles. This certification validates foundational networking skills essential for entry-level IT roles and serves as a strong foundation for further Cisco certifications.

### Data Visualization with Python

**Key Skills:** Data Visualization Techniques Graphical Representation Customization and Design

Data visualization is the graphical representation of data that interactively and efficiently conveys insights to clients, customers, and stakeholders. It is a way to summarize your findings and display it in a form that allows for interpretation and can help in identifying patterns or trends. I learned how to create interesting graphics and charts and customize them to make them more effective and more pleasing to your audience.

### Python for Beginners: Learn Python from Scratch

**Key Skills:** Python

### Java for beginners: Step-by-step hands-on guide to Java

**Key Skills:** Java

### Server Authentication using Express and NodeJS

#### Key Skills:

Node.js Development Express.js Framework Authentication and Authorization Secure Communication  
Error Handling and Security Best Practices

### DSA With JAVA

**Key Skills:** Java Data Structures Algorithms

Successfully completed the comprehensive Alpha Plus DSA Batch program covering Java language fundamentals, advanced data structures, algorithms, and quantitative aptitude preparation. Developed expertise in implementing efficient data structures and algorithms, enhancing problem-solving skills, and participating in 50 live practice sessions facilitated by MAANG Engineers on alternate days.

## SEMINARS / TRAININGS / WORKSHOPS

### Recent Trends and Challenges in Cyber security

15 Mar, 2022 - 17 Mar, 2022

**Institute Name:** Parul Institute of Engineering and Technology

**Key Skills:** Cyber Security

## PERSONAL INTERESTS / HOBBIES

- o Travelling
- o Reading History
- o Photography

## WEB LINKS

- o Github - <https://github.com/DivyangJoshi1>
- o Other - [https://leetcode.com/u/divyang\\_joshi/](https://leetcode.com/u/divyang_joshi/)

PERSONAL DETAILS

**Gender:** Male

**Marital Status:** Single

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**Date of Birth:** 05 Feb, 2003

**Known Languages:** English , Hindi , Gujarati

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