



# Pratham Rakesh Rathod

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## WORK EXPERIENCE

### Intern – Surat, Gujarat, India

City: Surat, Gujarat | Country: India

#### MegaMinds Technologies Pvt Ltd

[ 04/01/2024 – 05/04/2024 ]

- Developed Angular applications, improving user experience.
- Mastered Angular CLI and TypeScript.
- Collaborated effectively, enhancing project outcomes.

## EDUCATION AND TRAINING

### Msc in Digital Technologies

Ostfalia University of Applied Sciences [ 09/2024 – Current ]

Country: Germany

### Bachelor Of Computer Application

Uka Tarsadia University [ 06/2021 – 05/2024 ]

Country: India | Final grade: 9.23 CGPA

### HSC

Gujarat Secondary and Higher Secondary Education Board [ 03/2021 ]

Country: India

### SSC

Gujarat Secondary and Higher Secondary Education Board [ 03/2019 ]

Country: India

## LANGUAGE SKILLS

Other language(s): English | German

## PROJECTS

### AlphaChat - ChatBot

- AlphaChat is an AI-powered chatbot offering features like voice interaction, AI image generation, PDF summarization, web scraping, and web search. It provides an interactive experience with practical utilities like content summarization and search capabilities.
- Key Features:** Voice interaction · AI image generation · PDF summarization · Web scraping · Web search integration
- Technologies:** Python · Chatgroq API · Weather Forecasting · Speech Recognition · NiceGUI · GitLab · GitHub

Link: <https://github.com/PrathamRathod14/AlphaChat>

## **Virtual Learning Management System**

- It is a digital platform that streamlines educational management and assessment tracking for institutes.
- **Key Features:** Cohort-based course distribution · Activity log · Assessment facilitation · Discussion forum · Email notifications
- **Technologies:** HTML5 · CSS3 · JavaScript · jQuery 3.6.0 · PHP · AJAX · Bootstrap5 · XAMPP · MySQL 8.0

## **Book Issued/Return System (Currently use by university)**

- Implemented an efficient solution to maintain the stack of student loss books found and if it found by the university representatives.
- **Key Features:** Authentication · Book log · File handling · State Management

Link: <https://dotted-sheet.000webhostapp.com/>

## **Hospital Management System**

- It efficiently streamlines medical appointment scheduling, availability tracking, reminders, and online patient management.
- **Key Features:** Authorization · Appointment Booking · Disease and Medicine Prediction (Random Forest Classifier - Machine Learning Algorithm) · Notification
- **Technologies:** HTML5 · CSS3 · JavaScript · jQuery 3.6.0 · PHP · AJAX · Bootstrap5 · XAMPP · MySQL 8.0

## **Pickup Laundry**

- It is a JSP-based web application facilitating laundry service orders.
- **Key Features:** Captcha Implementation · Razorpay API · Change Password · Invoice Generation · Download PDF · Web Services

## **HONOURS AND AWARDS**

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Ostfalia University for Applied Sciences, Germany

### **DT Project Competition**

- Our team won the DT Project Competition at Ostfalia University for *AlphaChat*, an AI-powered chatbot with voice interaction, image generation, PDF summarization, web scraping, and search features.

Nirma University, India - Binghamton University, USA

### **MINeD Hackathon 2024**

- Secured first position in National-level Hackathon which was hosted by Nirma University in collaboration with Binghamton University, USA

Uka Tarsadia University

### **SQL Mania**

- Being a winner of SQL Mania state-level competition.
- Chance to showcase my database skills.

M. K. Institute of Computer Studies

### **solomonIT**

- Achieved first position in an inter-college web development competition

## CERTIFICATES

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### Google Cloud Skill Boost — Introduction to Generative AI

- Studied key modules on Generative AI, Large Language Models, and Responsible AI practices.
- Hands-on experience with prompt design and ethical AI deployment.

### Oracle Cloud Infrastructure Certified AI Foundations Associate

- Understands core AI, machine learning, and generative AI concepts.
- Knowledge of large language models (LLMs) and their applications.
- Ability to use Oracle Cloud AI tools to build and deploy AI models.

### Google Data Analytics

- Learned how to prepare, process, analyze, and share data for thoughtful action
- Transformed raw data into actionable insights for better decisions

### TCS iON Career Edge - Young Professional

- Includes communication skills, presentation skills, soft skills, resume writing, interview skills, business etiquette, effective email writing, telephone etiquette.

## DIGITAL SKILLS

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### Programming Languages

Java · C++ · PHP · Python

### Database Management

MySQL · PostgreSQL · SQLite · MongoDB

### Web Designing

HTML · CSS · JavaScript · jQuery · AJAX

### Frameworks

Angular · Bootstrap · NiceGUI · ReactJS

### Data Analytics & Visualization

Excel · Power BI · Jupyter Notebooks

### Cloud & AI Tools

Google Cloud Platform · Vertex AI · Google Colab

### AI & Machine Learning

Generative AI · Large Language Models · Deep learning models · Prompt Engineering

### Testing Tools

Selenium · JUnit · pytest

## CONFERENCES AND SEMINARS

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### Google Cloud Summit - Prague, Czech Republic

- Learned about the latest advancements in AI and data analytics
- Gained hands-on experience with tools for digital transformation.

### **Cross-platform Mobile Apps Development**

- Acquired knowledge about the development of Mobile apps.
- Hands-on experience of tools and technologies used to develop.