

ASHISH NIRMAL

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Career Objective

Aspiring software developer specializing in Android Development, Machine Learning, and Web Development. Proficient in C, Java, Kotlin, Python, and JavaScript. Passionate about leveraging technology to solve real-world problems and eager to contribute to innovative projects.

Technical Skills

- **Programming Language:** C, Java, Kotlin, Python, JavaScript, HTML, CSS.
- **Frameworks :** Jetpack Compose, Django, React.js, Node.js, Express.js.
- **Libraries :** NumPy, Pandas, Scikit-learn, Matplotlib, Seaborn, TensorFlow, Retrofit, okhttp, zxing, Material Theme, .
- **Databases :** MySQL, MongoDB, Room.
- **Tools :** Android Studio, Visual Studio Code, PyCharm, Firebase, GIT, GitHub, Jira, Google Collab, Jupyter Notebook.

Education Qualification

B.E. Computer Science and Engineering (AI - ML) with 8.24 CGPA (Till Sem 6)	2021-2025
Adani Institute of Infrastructure Engineering (GTU)	
Grade XII with 77.23 %	2019-2021
Utkarsh Higher Secondary School (Science)- India	

Experience

Android Development Intern at Prodigy Infotech	Jul – Aug 2024
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- Completed a 4-week Android Development Internship wherein developed five Android applications including a calculator, To-Do list, stopwatch, Tic Tac Toe game, and QR code.
- Utilized Kotlin, Android Studio, Material Theme, Jetpack Compose for UI design, and Room for database management. Integrated third-party libraries such as zxing, Room, retrofit, and okhttp to enhance functionality.

AI-ML Intern at IBM SkillsBuild	Jun 2024
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- Completed a 3-week AI-ML internship, gaining extensive hands-on experience with cutting-edge AI technologies.
- Engaged in masterclasses covering generative AI, transformers, large language models, and machine learning with Python.
- Developed a sophisticated chatbot using Watson Assistant and built a machine learning model in Watson Studio to predict water portability, applying project-based learning to solve real-world problems.

Academic Projects

- 1. TuneMood:** AI-based music player app. **Jan 2024**
 - Tools:** Kotlin, Jetpack Compose, Android Studio, Python.
 - TuneMood is an AI-driven music app that offers personalized song recommendations based on users' moods and preferences. It features mood-based playlists, music discovery across genres, offline listening, and integration with existing libraries. TuneMood aims to enhance the music experience and become a leading personalized music app in India.
- 2. ExplorerInns:** ML-based recommendation system for accommodation. **Sep 2023**
 - Tools:** React.js, Node.js, Express.js, MongoDB, Mongoose, Python.
 - Developed a user-friendly website that uses machine learning algorithms to offer personalized recommendations. It provides detailed information on nearby attractions, real-time booking options, verified guest reviews, and responsive customer support, simplifying and enriching the travel planning experience.
- 3. CareerExplorer:** Platform for exploring career paths. **May 2023**
 - Tools:** HTML, CSS, JavaScript, MySQL, React.js, Node.js, Express.js, MongoDB, Mongoose.
 - Developed a website to provide detailed information on career options, required skills, job prospects, and earning potential. Features career assessments, personalized recommendations, and job search resources to help students and job seekers make informed career decisions.
- 4. E – Seva:** Application for awareness about government schemes. **Sep 2022**
 - Tools:** Kotlin, Jetpack Compose, Android Studio.
 - Developed an Android application to provide comprehensive guides on government schemes, scholarships. The app features eligibility criteria, required documents, authenticated website links, and real-time updates. Targeted at all Indian citizens, E-Seva enhances access to government assistance and improves users' quality of life by ensuring effective utilization of available resources.

Certifications

- The Complete **Android 14 & Kotlin Development** Masterclass by **Udemy**
- Artificial Intelligence Fundamentals** by **IBM Skillsbuild**
- Getting Started with **Artificial Intelligence** by **IBM Skillsbuild**
- Java Data Structures & Algorithms** by **Udemy**
- The Complete **Web Development** Bootcamp by **Udemy**
- Get started with **Jira** by **Coursera**

Hackathon Experience

- 1st Place at **AU-IQM Corporation Hackathon 2023 Season 2**, Adani University **Jul 30, 2023**
- 14th Place at **HackOut'23** by DA-IICT, DA-IICT **Aug 27, 2023**
- Top 50 at **DUHacks 3.0 Hackathon**, Dharmsinh Desai University **Feb 25, 2024**
- Top 50 at **Odoo Hackathon**, Odoo, GIFT City – Gandhinagar **Jul 14, 2024**

Personal Information

- Date Of Birth:** April 20, 2004
- Permanent Address:** 234 Manipur Greens, Manipur, Sanand, Ahmedabad 382115.
- Language Known:** Gujarati, Hindi, English.