

# ABHINAV NAIR A.

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## CAREER OBJECTIVE

I'm a final-year B.Tech Computer Science student with a keen interest in developing scalable software systems and solving real-world problems through technology. With hands-on experience in full-stack development and a growing focus on areas like machine learning and cloud infrastructure, I enjoy working on challenging projects that push me to learn and improve. I value teamwork, ownership, and the process of turning ideas into working products.

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## PROJECTS

### Resume Analyzer and filtering system

- Tech Stack: Python, Flask, PDFPlumber, NLP, Cosine Similarity, SQL
- Developed a web application for automated resume screening and candidate evaluation. Enabled PDF resume uploads and generated skill quizzes using PDFPlumber and NLP. Implemented a scoring system with SQL backend to track results. Created an admin dashboard for recruiters to review scores and rank candidates using Cosine Similarity, streamlining the shortlisting process.

### Credit based grocery system

- Tech Stack: Java Swing, SQL
- Developed a Java Swing desktop app for managing credit-based grocery transactions. Used SQL for backend data storage, handling customer accounts, credit limits, payments, and reports. Designed an intuitive UI for smooth navigation and ensured data integrity with robust database management.

### PureVeggi – Online Vegetable & Fruit Selling App

- Tech Stack: Flutter, Firebase
- Developed a cross-platform mobile app using Flutter to connect farmers directly with consumers for fresh produce. Integrated Firebase for real-time database and authentication, enabling seamless user account management, product listings, and order processing. Designed an intuitive UI/UX to simplify browsing and purchasing, promoting efficient farm-to-table transactions.

### Gym Chatbot

- Tech Stack: Python, Gemini API, HTML/CSS, SQL
  - Developed an interactive gym assistant chatbot using the Gemini API for natural language processing. Built with Python backend, HTML/CSS frontend, and integrated with an SQL database to handle user queries, manage sessions, and deliver personalized responses, enhancing member support and engagement.
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EDUCATION

<b>Rajagiri School of Engineering and Technology(Autonomous), Kerala, India</b>	<b>2022-</b>
Candidate for <i>Bachelor of Technology in Computer Science and Engineering</i>	CGPA (SEM 1 - SEM 6) - <b>9.14</b>
<b>Aravinda Vidyamandiram School,Pallikkathode,Kottayam,Kerala</b>	
All India Senior School Certificate Examination (AISSCE)   94%	2021-2022
<b>Bharatheeya Vidya Peedom Central School,Parassala,TVM,Kerala</b>	
All India Secondary School Examination (AISSE)   96.4%	2019-2020

WORK EXPERIENCE

<b>10xDS - Exponential Digital Solutions</b>	<b>July, 2024</b>
<b>Industrial Trainee – Artificial Intelligence(Python)</b>	
<ul style="list-style-type: none"><li>◦ Gained hands-on experience in Artificial Intelligence (AI) and Machine Learning (ML) concepts and applications.</li><li>◦ Enhanced proficiency in Python programming through practical project work.</li><li>◦ Collaborated with mentors and team members to deepen understanding of data-driven solutions and algorithm implementation.</li></ul>	

SKILLS

Programming languages : Python | C/C++ | HTML/CSS  
framework & libraries : Flutter|OpenCV|Pandas|Matplotlib  
Tools : Figma|Github|Vscode  
Languages :English|Malayalam|Hindi

CERTIFICATIONS

- Udemy -Data science course.
- Udemy- Machine Learning, DL, NLP.
- NPTEL - Cryptography and network security, Cyber security.