

Atharv Dhupkar

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PROFESSIONAL SUMMARY

Software Developer with a B.E. in Electronics and Computer Science Engineering and 9+ months of internship experience in full stack web development, plus freelance project delivery. Skilled in Python, SQL, JavaScript and TypeScript, with hands-on work in REST APIs, relational and NoSQL databases, React, Next.js, Node.js, FastAPI and machine learning projects using Pandas, NumPy and TensorFlow. IEEE-published researcher in reinforcement learning.

TECHNICAL SKILLS

Languages: Python, SQL, Java, JavaScript, TypeScript, C++, HTML, CSS

Frontend: React, Next.js, Svelte, Tailwind CSS, Bootstrap

Backend and APIs: Node.js, Express, FastAPI, Flask, REST APIs, Postman

Databases: PostgreSQL, MySQL, MongoDB

Data and Machine Learning: Pandas, NumPy, Matplotlib, TensorFlow, Keras, CNN, Reinforcement Learning, Data Analysis

Tools: Git, GitHub, Docker, Linux, n8n, Vercel

WORK EXPERIENCE

Web Developer Intern (Full-Time, Onsite) | Keights Digitech Studios | May 2026 – Oct 2026

- Developed and maintained responsive, production web applications as a full-time onsite developer using React, Next.js, JavaScript, TypeScript and Tailwind CSS.
- Built and integrated REST APIs with Node.js and Express, connecting frontend interfaces to PostgreSQL and MongoDB databases.
- Collaborated with designers and developers in an onsite team using Git and GitHub for version control, code reviews, debugging and testing.

Software Developer Intern | Cognifyz Technologies | Jan 2026 – Mar 2026 | Remote

- Built full stack web application features using React, Node.js, Express and TypeScript, with responsive interfaces in Tailwind CSS and Bootstrap.
- Designed REST APIs and tested endpoints with Postman to ensure correct data exchange between frontend and backend.
- Stored and queried application data in MongoDB and PostgreSQL; managed code with Git in a remote team.

FREELANCE EXPERIENCE

Freelance Full Stack Developer | Cottage Booking Website

- Delivered a responsive booking website with customer booking and inquiry forms, REST APIs and PostgreSQL integration using Next.js, React, FastAPI and Tailwind CSS.

PROJECTS

PhishRL: Reinforcement Learning Pipeline for Automated Email Threat Triage | JavaScript, n8n, Reinforcement Learning, Machine Learning

- Designed an end-to-end reinforcement learning pipeline to triage email threats and detect phishing automatically.
- Automated the workflow with n8n to reduce manual email review.

Resume Screening AI: ATS and Candidate Ranking Platform | Next.js, React, TypeScript, Tailwind CSS, Python, FastAPI, PostgreSQL, Vercel

- Built a full stack platform that screens resumes and ranks candidates, with a Next.js frontend and a FastAPI backend.
- Stored candidate data in PostgreSQL and deployed the application on Vercel.

Sign Language Interpreter | Python, TensorFlow, Keras, CNN, FastAPI, NumPy, Pandas, Matplotlib

- Trained a Convolutional Neural Network with TensorFlow and Keras to recognize sign language gestures.
- Analyzed data and visualized results using NumPy, Pandas and Matplotlib; served the model through FastAPI.

DDoS Attack Prevention Tool | Python, Flask, Pandas, NumPy, Linux

- Developed a Python and Flask tool to help prevent DDoS attacks, processing traffic data with Pandas and NumPy on Linux.

EDUCATION

B.E. in Electronics and Computer Science Engineering | SIES Graduate School of Technology, Navi Mumbai | Sep 2022 – May 2026 | CGPA: 8.03 / 10

PUBLICATION AND ACHIEVEMENTS

- Research paper: PhishRL, End-to-End Reinforcement Learning Pipeline for Automated Email Threat Triage, IEEE 6th International Conference on Intelligent Technologies (CONIT 2026).
- Winner, college Capture the Flag (CTF) cybersecurity competition.