

DEVEN PARAG NABAR

Software Engineer | Los Angeles, CA | (213) 839-0760 | nabar.deven@gmail.com | [LinkedIn](#) | [GitHub](#) | [Website](#)

I am pursuing a Master of Science in Computer Science from USC, specializing in advanced algorithms, NLP, and AI, with a strong background in full-stack development and cloud solutions. I embody strong collaborative teamwork, continuous learning, and knowledge sharing ethos.

EDUCATION

University of Southern California (Los Angeles, CA)

January 2023-December 2024

Master of Science in Computer Science

GPA: 3.8 / 4

Courses – Analysis of Algorithms, Natural Language Processing (NLP), Machine Learning (ML), Web Technologies, Information Retrieval

D.J. Sanghvi College of Engineering (Mumbai, India)

August 2018-July 2022

Bachelor of Engineering in Information Technology

GPA: 9.1 / 10

Courses – Operating Systems, Software Architecture, Computer Networks, Database Systems, Big Data Analysis, Cloud Computing, Artificial Intelligence (AI)

TECHNICAL SKILLS

Programming Languages: Javascript, Typescript, Python, C, C++, HTML, CSS / Sass

Database: MongoDB, MySQL, Postgres, Oracle, Neo4j, DynamoDB, Firebase, Redis

Frameworks: Node.js, Express, React, Next.js, Angular, Flutter, Tailwind, Bootstrap, Material UI, Django

Project Management: JIRA, Confluence, Agile / SCRUM

AI: Langchain, LlamaIndex, Huggingface, OpenAI, Groq

DevOps: Docker, Kubernetes, Git, Jenkins, Mocha, Jest, CI/CD, Bitbucket

Cloud: Amazon Web Services (AWS), Google Cloud Platform (GCP), DigitalOcean

WORK EXPERIENCE

WorkUp

Marina del Rey, California

Software Engineer Intern

May 2024-July 2024

- Developed a comprehensive MERN (React, Node, MongoDB, Express) stack web application for start-up, addressing and resolving various code issues to ensure optimal performance and user experience.
- Contributed to a platform designed for job postings in short-form content, integrating an AI Assistant to boost interview preparation for users.
- Deployed SaaS application using Amazon Web Services (AWS) EC2 with Auto Scaling, Lambda, S3, and Amazon Sagemaker to ensure high performance, distributed computing, distributed storage, scalability, and cost-efficiency for solution.
- Improved page load speed by 45% by implementing lazy loading strategy.

Hub Matrix Technologies

Pune, India

Software Development Engineer Intern

September 2022-November 2022

- Developed and executed data-driven solutions to streamline performance reporting and payroll systems, enhancing operational efficiency.
- Applied advanced data analytics techniques to analyse and optimize HR processes, ensuring accurate and actionable employee insights.

VB Consultancy Services

Mumbai, India

Software Engineer Intern

May 2021-July 2021

- Created a progressive web application using React, Node, and MySQL, leading to 75% increase in web traffic, enhancing user retention, and better user experience through rectified security issues and bug fixes.
- Designed and implemented an innovative customer engagement workflow, connecting clients with tailored consultants, resulting in a 35% increase in engagement rates.

TechStride LLC

Mumbai, India

Software Engineer Intern

December 2020-February 2022

- Overhauled front end of company website, boosting site visits by 85% and website speed by 40% through codebase improvements.
- Collaborated with peers and stakeholders to analyse requirements, plan implementations, and gain hands-on experience in agile environment.

PROJECTS

A.I. Suite

January 2024- Present

- Designed and developed transcription and multi-language translation services leveraging OpenAI Whisper and Facebook mBART, achieving high accuracy in voice-to-text conversion and seamless cross-lingual communication.
- Created a Retrieval Augmented Generation (RAG) application employing Llama3-70b and Langchain technologies to synthesize and retrieve contextual information.

E-Bay Product Search

August 2023- December 2023

- Built a responsive web application for eBay product searches using Angular, Node, Express, and MongoDB (MEAN stack) in TypeScript, along with a companion iOS application in Swift featuring 14 critical functionalities.
- Implemented third-party RESTful API integration for real-time product data retrieval and user wish list management, optimizing performance and scalability through deployment on Google Cloud Platform (GCP).