

# AKASH DEEP

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## SKILLS

**Frontend & Languages:** React.js, HTML, CSS, TailwindCSS, Vite, Bootstrap, JavaScript, Python, Java, C.

**Backend & Tools:** Django, Django REST Framework, SQL, PostgreSQL, MySQL, Git, GitHub, REST APIs Node.js Express.js MongoDB.

**Tools & Technologies:** Git, GitHub, Postman, VS Code, PyCharm, Anaconda, Jupyter Notebook, Docker, Nginx, Figma, Swagger API, Linux/Ubuntu, Virtual Environments (venv/conda).

## WORK EXPERIENCE

### E-Vision India Pvt. Ltd.

Python Developer

Sep 2024 - Present

Delhi, India

- Developed and maintained backend modules in **Python** for internal applications, including data processing, device configuration, and system automation tasks.
- Worked on integrating APIs, handling JSON/XML data, and building scripts to manage system workflows and camera-related operations.
- Built and optimized **REST APIs** using Django and Django REST Framework for communication between backend services and frontend dashboards.
- Implemented features such as **user login, role-based access, device listing, activity logs**, and basic notification services.
- Worked with relational databases like **PostgreSQL** to design tables, write queries, and manage system data efficiently.

### Brightcode Software Services Pvt. Ltd.

Python Backend Developer Interns

May 2023 - June 2023

Ranchi, India

- Collaborated with senior developers to design and maintain web applications using **Django** and related technologies.
- Acquired hands-on experience with **Django's ORM, views, templates, and middleware**.
- Implemented key features such as **user authentication, form handling, and admin interfaces**.
- Technologies used: **HTML, CSS, JavaScript, Bootstrap, Python, Django, PostgreSQL**.

## EDUCATION

### RVS College of Engineering and Technology

Bachelor of Technology in Computer Science Engineering

OCT 2020 - AUG 2024

8.03/10 CGPA

### Doon Public School, Dhanbad

Intermediate

MAY 2018 - MAY 2020

Percentage: 60%

### DAV Public School, Dhanbad

Matriculation

MAY 2017 - MAY 2018

Percentage: 53%

## PROJECTS

### Real Estate Listing Platform ([GitHub Link](#))

- Led the development of a full-stack real estate listing platform using **Django, HTML, CSS, JavaScript, PostgreSQL**, providing an intuitive interface for users to buy, sell, or rent properties.
- Implemented advanced search and filtering functionality, allowing users to efficiently find properties based on location, price, and property type.
- Designed and developed a user-friendly dashboard for property owners, enabling them to easily add, manage, and update their listings.
- Integrated authentication and user management using **django-allauth**, ensuring secure login and registration for users.
- Enhanced UI/UX with Django Crispy Forms, improving form styling and usability for a seamless experience.
- Utilized Geopy and GeographicLib to implement location-based services, enabling accurate property searches by geolocation.

### Tech Stack:

**Frontend:** HTML, CSS, JavaScript, Bootstrap.

**Backend:** Django, Django REST Framework.

**Database:** PostgreSQL.

**Libraries Used:** Django-Allauth, Django-Crispy-Forms, Geopy, GeographicLib, Sqlparse, Requests, Pillow.

### Pathology Management System (Web Application) — [\(GitHub\)](#)

- Designed and developed a full-stack pathology management system using **React.js, Node.js, Express.js, and MongoDB**, enabling efficient patient registration, test selection, report generation, and billing.
- Implemented patient registration with detailed input fields and linked test results to patient IDs, ensuring accurate and consistent report generation with restricted entry for error minimization.
- Integrated HTML2Canvas and JSPDF for professional report downloads in lab letter format and utilized the Twilio API for automated patient notifications regarding test status and report availability.

### Tech Stack:

**Frontend:** React.js, React Router, Bootstrap, Axios, **Backend:** Node.js, Express.js, MongoDB, Twilio API, HTML2Canvas, JSPDF

### AI Assistant Using OpenAI's GPT-3 and Python [\(GitHub Link\)](#)

- Developed an AI-powered virtual assistant using Python, leveraging OpenAI's GPT-3 model to understand and respond to user queries.
- It is capable of executing various tasks based on voice commands, making it a versatile tool for automating everyday actions and providing information.
- Libraries and Tools: Python, OpenAI GPT-3, SpeechRecognition, Webbrowser, and OS module.

## LANGUAGES

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- English   Hindi   Bengali

## CERTIFICATIONS

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- Certified by Coding Ninjas for clearing Basic Java With Data Structure and Algorithm.
- Completed the Internshala online learning platform's certification program in Python.
- Completed a summer internship with Codezeal, gaining experience in web development using Django.