

DURGA PRASAD RC

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Passionate Full-Stack Developer & AI Enthusiast with a proven track record in building scalable web solutions and winning hackathons. Skilled in backend development, machine learning, and crafting innovative digital experiences. Seeking to contribute technical expertise and problem-solving skills to cutting-edge projects.

EXPERIENCE

PROMPT ENGINEERING TESTER

Outlier | (Remote)

2024 – PRESENT

At Outlier AI, I was responsible for testing AI models by creating prompts using specified parameters and making API calls. My role involved identifying instances where the AI failed to respond or provided inaccurate answers and reporting these failures to help improve the system's performance. I contributed to the enhancement of AI models through rigorous failure analysis and prompt refinement.

EDUCATION

MCA (MASTER OF COMPUTER APPLICATIONS)

New Horizon College of Engineering (Expected Sep 2025)

CGPA: 8.1/10

BCA (BACHELOR OF COMPUTER APPLICATIONS)

New Horizon College of Engineering (202 - 2023)

CGPA: 8.4/10

TECHNICAL SKILLS

- **Programming Languages:** Python, C, C++, Java, JavaScript.
 - **Frontend:** HTML, CSS, Bootstrap, Tailwind, React.js, Angular.
 - **Backend & Databases:** Node.js, Spring Boot, MongoDB, MySQL, JDBC.
 - **Libraries & Tools:** Pandas, NumPy, Matplotlib, OpenCV.
 - **Other Tools & Technologies:** Git, JIRA, VSCode, Figma, Eclipse.
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KEY STRENGTHS

- Full-Stack Web Development • Backend Engineering • ML
 - Competitive Coding • Problem-Solving • Agile Development (JIRA)
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PROJECTS

✂ AR Business Card (Tech Stack: React.js, Three.js, Web-AR)

- Developed an **augmented reality (AR) business card** that displays an animated 3D avatar presenting the user's details.
- Integrated a **QR-based activation system** to enhance networking engagement.
- **Tech Used:** React.js, Three.js, Web-AR.
- **GitHub:** [GitHub Link](#)

🌐 DP's Realm – 3D Portfolio (Tech Stack: Three.js, React.js, GSAP)

- Designed an **interactive 3D web portfolio** showcasing my projects, skills, and contact details.
- Implemented **smooth animations** and responsive UI for an engaging experience.
- **GitHub:** [GitHub Link](#)

🍽 Restaurant Review Classification System (Tech Stack: Python, Machine Learning, Scikit-Learn, NLP)

- Developed a **machine learning model** to classify restaurant reviews as **positive or negative**.
- Used **NLP techniques** and **optimized accuracy to 85%-90%** with hyperparameter tuning.
- **Tech Used:** Python, Pandas, NumPy, Scikit-learn, Matplotlib, Seaborn.
- **GitHub:** [GitHub Link](#)

🧠 AI-Powered Course Recommendation System (Tech Stack: Python, Gen AI, NLP, TensorFlow, Flask)

- Developed an **AI-driven recommendation system** that suggests personalized courses based on a student's **interests and decisions**.
- Used **Generative AI & NLP** to analyse user inputs and recommend relevant learning paths.
- Implemented **Flask for the backend** and integrated a **dynamic UI** for seamless interaction.
- **Tech Used:** Python, Generative AI, NLP, TensorFlow, Flask.
- **GitHub:** [GitHub Link](#)

CERTIFICATIONS

- **CISCO Cybersecurity Certification (2022)** – Verified skills in network security, threat detection, and risk management.
- **CISCO Networking Essentials (2022)** – Gained expertise in networking fundamentals and infrastructure setup.
- **IBM Full-Stack Developer Certification (2024)** – Covered **React.js, Node.js, Express, MongoDB**, and cloud-based deployments.
- **Japanese Language Proficiency Test (JLPT N5) (2025)** – Basic Japanese communication and comprehension skills.

ADDITIONAL INFORMATION

🏆 Hackathon Champion (2x) – AI & Web Development

- Secured **2nd place in multiple hackathons**, solving real-world challenges using **ML, AI, and full-stack development**.

💻 Coding Contest – 2nd Place Winner

- Competed in algorithmic coding competitions, solving complex **data structures and problem-solving challenges**.

🗣 Tech Conference Attendee & Networking Enthusiast

- Regularly attend **tech events, conferences, and meetups** to stay updated on industry trends and network with professionals.

Date:

Signature