



Pranjal Sinha

Computer Science Graduate

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Improving my skills by acquiring knowledge about the industry. Always working effectively to achieve my goals. I am a creative, innovative person with thoughts in application based deployment of research based plans and their implementation.

INTERNSHIPS

Associate Software Engineer Coditas Solutions LLP

01/2024 - 05/2024

Pune, Maharashtra

Achievements/Tasks

- I developed a MERN Stack web application which was scalable, and allowed users login activities.
- For 3 months I received professional training in application development related to Devops.

Salesforce Developer Smart Internz - Virtual Internship

05/2023 - 07/2023

Bhubaneswar

Achievements/Tasks

- Salesforce Fundamentals: Builder Flows, SQL Triggers and application based workflows
- Organizational Setups with superbadges, quizzes and trailmixes

Project Trainee National Thermal Power Corporation Limited

05/2023 - 06/2023

Ash Vehicle Queue (Android Development)

Achievements/Tasks

- The NTPC Simhadri's Ash Issuing System with its AshQueue Vehicle App
- Highlights are its key objectives, features, and benefits

EDUCATION

BTECH - Computer Science and Communication Engineering Kalinga Institute of Industrial Technology

09/2020 - 05/2024

CGPA - 8.6

AISSCE-Class XII Delhi Public School, Rohini

04/2028 - 05/2020

83%

SKILLS



PERSONAL PROJECTS

Desktop Voice Assistant (02/2023 - 05/2022)

- It is applied in "Python Programming Language" wherein implementation could be very smooth.
- After that it simply pays attention to your command in shape of voice and simply solves issues in step with your command.

Fake News Classification Using NLP (03/2023 - 05/2023)

- I focused on the introduction, abstract and literature review and project report's implementation and analysis sections.

Earthquake and Rainfall Prediction Using ML (07/2023 - 11/2023)

- Applied machine learning algorithms to predict earthquakes and rainfall, showcasing expertise in regression and classification techniques.
- Evaluated algorithm performance using metrics like MSE, RMSE, MAPE, R2, and Confusion Matrix.

CERTIFICATES

By - Stephen Maarek (On Udemy)
Native or Bilingual Proficiency

Docker For All Beginners
Native or Bilingual Proficiency

Imperial Python Bootcamp
Full Professional Proficiency

For more certificates please: <https://www.linkedin.com/in/pranjalsinha02/details/certifications/>
Full Professional Proficiency

INTERESTS



Pranjal Sinha

Computer Science Graduate and Fresher

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Profile

Computer science graduate with a strong background in Java, relevant data structures and algorithms and comprehension of SQL databases. Seeking a demanding position at a respectable organization where I can use my current abilities and continue to learn new ones. Improving my skills by acquiring knowledge about the industry. Always working effectively to achieve my goals. I am a creative, innovative individual with thoughts in application based deployment of research based plans.

Areas of Expertise

Agile Methodologies(SDLC) - Android Development - Web Development - Marketing and Brands Endorsements - Artificial Intelligence - Machine Learning - Devops - Cybersecurity

Internships

Associate Software Engineer, ([Coditas Solutions LLP.](#))

Pune, Maharashtra 01/2024 - 06/2024

MERN - Stack -Web-Application (Docker and AWS Cloud Services)

1. The web application has a three tier architecture namely front-end container, back-end container with API layer and a MySQL database container.
2. Database Access was configured using PhpMyAdmin for MySQL database container access and back-end API was integrated with Database container.
3. Manual Component Configuration was done to set up network, security, application, and database components. Also ensured availability and scalability.
4. Web Server and API Routing was done via NGINX to serve a React.js website and API calls were redirected to an internal load balancer.
5. Back-end and Database Integration was managed using Aurora MySQL and multi-AZ database for data manipulation and also implemented load balancing, health checks, and auto-scaling groups.

Tech Stack: Python, Docker PHP, React.js, Node.js, MySQL, AWS Services

Project Trainee, ([NTPC, Simhadri](#))

Simhadri, Andhra Pradesh 05/2023 - 06/2023

Ash Vehicle Queue Application

1. Developed an app to allow vendor's vehicles to enter NTPC plant in order to collect ash.
2. Slot details were provided only after proper registration (which included OTP based verification).
3. Slot details contained time, vehicle number, as well as queue number which was verified at the time of entering the plant.

Tech Stack: Java, C++, Kotlin, Android Studio, MySQL Server

Salesforce Developer, ([Smart Internz](#))

Hybrid(remote based) 05/2023 - 07/2023

During the 8-weeks period of virtual internship (May-July, 2023), I have completed salesforce trailhead modules which includes: Salesforce Fundamentals, Organizational Setup, Relationship and Process Automation, Types of Flows and Security, Apex, Testing and Debugging, VS Codes Setup and CLI Setup, and Lightning Web Components(LWC) & API.

AI-ML Virtual Intern, ([Smart Internz](#))

Hybrid(remote based) 05/2023 - 07/2023

1. **Core Machine Learning (ML):** Proficient in ML algorithms, data structures, and model training using tools like TensorFlow, PyTorch, and scikit-learn. Successfully implemented practical ML projects.
2. **Amazon Web Services (AWS):** Experienced with AWS services (EC2, S3, SageMaker) for scalable and efficient ML solutions. Leveraged AWS infrastructure for enhanced performance and cost-efficiency.
3. **Cloud Computing:** Strong foundation in cloud computing principles, effectively managing and optimizing scalable ML solutions on cloud platforms for improved performance and reliability.

Web Development Designing Intern, (Sparks Foundation - GRIP) Hybrid(remote based) 10/2022 - 11/2022

- 1. **Web Development:** Created dynamic websites with features like payment gateway and social media integration, deploying and maintaining them on hosted networks and AWS.
- 2. **Technical Skills:** Worked with PHP, MySQL, Java, AI, machine learning, and block chain technologies, improving skills through guided activities.
- 3. **Collaboration and Professional Development:** Collaborated with team members and mentors, built a strong professional profile, and completed various tasks to receive a Certificate of Completion.

Online Courses & Certifications

- Ultimate Solutions Architect Associate Examination Certification (May, 2024) - By Stephen Maarek(On Udemy)
- Docker for All Beginners (June, 2024) - By - Mumshad Mannabeth(on Udemy)
- Imperial Python Boot camp

For more certificates please: <https://www.linkedin.com/in/pranjalinha02/details/certifications/>

Education

B. Tech **Computer Science** **KIIT, Bhubaneswar** **Bhubaneswar, India** 2020-2024

Relevant Courses: Software Engineering, Data Analytics, Machine Learning, Artificial Intelligence, Computer Networking, DSA, OOPs, Web Development

Skills

Software Engineering: Tools: Jira, Git, GitHub, Visual Studio Code

Data Analytics: Tools: Excel, R, Python (Pandas, NumPy), Tableau

Machine Learning: Tools: TensorFlow, scikit-learn, Keras, Jupyter Notebook

Artificial Intelligence: Tools: TensorFlow, PyTorch, OpenCV

Computer Networking: Tools: Wireshark, Cisco Packet Tracer, NetSim

Data Structures and Algorithms (DSA): Tools: C++, Java, Python, GeeksforGeeks, LeetCode

Object-Oriented Programming (OOPs): Tools: Java, C++, Python

Web Development: Tools: HTML5, CSS3, JavaScript, React.js, Node.js, PHP, MySQL, Docker