

BRAHMA REDDY GADE

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Objective

Dedicated and results-driven professional with a Master's in Data Science and two years of hands-on experience as a proficient software developer, specializing in designing robust and scalable backend applications. Possessing a strong foundation in programming, algorithm design, and problem-solving, refined through dedicated work in software development. Currently seeking an opportunity in an innovative organization where I can leverage my acquired technical knowledge and analytical skills to excel in the dynamic field of data science.

Key Skills

- **Languages and Technologies:** Python, C, C++, Ruby.
- **Database Systems:** PostgreSQL, SQL, Oracle.
- **Data Science:** Data Analysis, Machine Learning, Deep Learning, Data Visualization.
- **Libraries/Frameworks:** Scikit-Learn, NumPy, Pandas, Matplotlib, OpenCV, Keras, Tensorflow.
- **Tools:** GitHub, Tableau, IBM Rational Rose Enterprise, Weka Tool.
- **Web Technologies:** Ruby on Rails, Flask, HTML5, CSS, Bootstrap, JavaScript.
- **Methodologies:** Agile, Waterfall, Scrum Environments, Software Development Life Cycle (SDLC).
- **Interpersonal Skills:** Problem Solving, Networking, Conflict Resolution, Crisis Management, Corporate Communication, Leadership, Decision Making, Consulting, Project Management, Organizational Strategies Development.

Work Experience

Data Analyst Intern

The Sparks Foundation, India.

Bangalore, India (Remote).

June 2023 – Aug 2023.

- As an Intern at Sparks Foundation, collaborated with Technical and Non-Technical stakeholders, in identifying and leveraging valuable insights from company data for ongoing organizational development.
- Analysing large datasets to extract meaningful insights for business decision-making.
- Conducted exploratory data analysis to identify patterns, trends, and insights to develop data-driven solutions.
- Used various statistical techniques and visualization tools to present data-driven insights to the Marketing team.

Tech used: Pandas, Matplotlib, Seaborn, Tableau.

Software Developer

Tata Consultancy Services, India.

Bangalore, India.

Nov 2020 – Aug 2022.

- Serving as Developer at Tata Consultancy Services, Led to the development of efficient and scalable backend systems according to the specifications of client's requirements.
- Optimized database performance through efficient query design and ensuring best coding practices for overall system performance.
- Collaborated closely with frontend developers and cross-functional teams to ensure seamless integration and overall system coherence.

- Conducted thorough sanity testing and debugging processes to identify and resolve issues, ensuring a smooth deployment.
- Actively participated in Agile development processes, contributing to sprint planning, daily stand-ups, and retrospective meetings.
- Troubleshoot coding issues, bugs, to determine root cause with 100% accuracy.
- Resolved process bottleneck, increasing coding efficiency through SonarQube.
- Created and documented maintenance procedures for developed software.
- Successfully trained new employees with essential skills and knowledge to excel in their roles.

Tech used: Ruby on Rails, API's, HTML, CSS, JavaScript.

Systems Engineer Intern

Miracle Software Systems, India.

Visakhapatnam, India.

May 2019 – July 2019.

- Led the end-to-end development of a Web Application for internal employees of an organisation.
- Developed various roles for the application according to the needs of clients.
- Conducted rigorous testing of the application functionality to identify and fix the bugs for ensuring error free application.

Tech used: Flask, JavaScript, SQL.

Education

Masters in Data Science

School of Computing, University of Roehampton

London, United Kingdom.

Sept 2022 – Oct 2023.

Relevant Coursework: Machine Learning, Data Analytics, Data Visualization, Deep Learning.

Percentage: 70

Bachelor of Computer Science & Engineering

Dhanekula Institute of Engineering & Technology, JNTUK

Andhra Pradesh, India.

Jun 2016 – Sep 2020.

Relevant Coursework: Programming Languages, Object Oriented Programming, Digital Logic Design, Computer Networks, Operating Systems, Database Management System, Data Mining.

CGPA: 8.34

Academic Projects

Customer Feedback Analysis

School of Computing, University of Roehampton

London, United Kingdom.

Sept 2022 – Oct 2023.

- Analysed Customer Feedback to deliver valuable insights to the business, contributing to market expansion and enhancing customer satisfaction.
- Performed extensive research on dataset analysis, employing various statistical approaches to analyse the data effectively.
- Performed various exploratory data analysis techniques to uncover trends, patterns, and insights.
- Employed diverse machine learning algorithms to identify the most efficient algorithm for analysing customer feedback data.
- Applied sentimental analysis to uncover the sentiments among the customer feedback data and presented the visualizations in a clear and understandable format for individual users.

Tech used: Sentimental Analysis, Machine Learning Algorithms, Scikit-learn, NumPy, Pandas, Matplotlib.

Traffic Sign Detection

School of Computing, University of Roehampton

London, United Kingdom.

Sept 2022 – Oct 2023.

- Researched on image classification for Traffic Sign detection by using deep learning models.
- Implemented diverse Deep Learning models, adjusting layer structures on traffic sign data, and determined the most efficient model for image classification.

- Finally deployed the most effective deep learning model as a user-friendly website for end-users.

Tech used: Pandas, Matplotlib, Deep Learning Algorithms.

Smart IoT Device for Women Safety

Andhra Pradesh, India.

Dhanekula Institute of Engineering & Technology, JNTUK

Jun 2016 – Sep 2020.

- Developed a IoT prototype for enhancing women safety.
- Individual users committed to women's safety can register on a dedicated website.
- Only closest and successful applicants will receive a woman's location in case of danger, optimizing the response time for enhanced safety.
- Spearheaded a team of 4 individuals specializing in IoT devices, connections and web development.

Tech used: Raspberry Pi, SMS Gateway, GPS, Web Application.

Personal Projects

- ◆ **Resume Portfolio** [[Link to Portfolio](#)]: Developed a website to view detailed information about projects, skills, and accomplishments.
- ◆ **Currency Converter**: Designed and Developed a website enabling users to convert various currencies into their preferred formats.
- ◆ **Amazon Web Scrapping**: Created a web scrapper demonstrating basic web scraping functionality on the Amazon website.
- ◆ **Flight Price Predictor**: Furnished a price predictor to showcase flight prices between source and destination based on user input.
- ◆ **Spam Classifier**: Designed and implemented a spam classifier to categorize provided text as either spam or ham.
- ◆ **Covid-19 Data Analysis**: Created and Developed a tableau dashboard for analysing the Covid-19 data.
- ◆ **Tableau Dashboards**: Designed and developed dashboards for Heart Failure and Customer Personality analysis following a thorough data analysis.

Achievements

- Achieved the “Rising Stars Award” at TCS in recognition of outstanding contributions and accomplishments.
- Received multiple client appreciations for my technical skills, initiatives, and exemplary work.
- Achieved awards in diverse competitions such as Coding, Group Discussion, and Technical Quiz during my college tenure.
- Published my project concept, "Smart IoT Device for Safety", as a chapter in Nova Publications.
- Earned certifications in Git, Python, MySQL, and Ruby on Rails through LinkedIn Skill Assessment courses.
- Achieved certifications in Problem Solving, Python through Hacker Rank courses.

Other Skills

- **Event Organization**: Led the organization of a Code Hunt event during my college fest and also took charge of organizing the Fun Friday events in my office.
- **Mentoring**: Conducted training sessions for new employees on project tools and technology within the company and also employed effective teaching strategies to assist peers in BTech exam preparation, contributing to their success.
- **Leadership**: Led allocation and completion of tasks among colleagues in the company and also headed a team of 4 individuals during the Bachelor's project.
- **Customer Service**: Expertise in handling situations involving intoxicated individuals, derived from one year of experience as a Bar Attender in Central London.