Sai Kiran Dasari

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EDUCATION

Bachelor of Technology, Computer Science, National Institute of Technology Warangal	**Jul 2018 — May 2022**
State Board of Intermediate Education, Andhra Pradesh, Sri Chaitanya Junior College	**Jun 2016 — Apr 2018**
Board of Secondary Education, Andhra Pradesh, Sri Chaitanya Techno School	**Jun 2015 — Apr 2016**

EXPERIENCE

Software Engineer   **Oct 2024 — Present**
Oracle   Hyderabad, India

- Instrumental in developing the Functional Setup Manager (FSM), overseeing end-to-end setup and maintenance across multiple products for customers. Additionally, Led the transition of the application from monolithic architecture to micro frontends.
- Crafted over 15+ UIs from scratch with advanced designs, incorporating features like hierarchical task flows, faceted search, responsive cards, and Analytics reports. Leveraged frameworks such as OJET, Knockout.js, OCI and REST APIs for development.
- Optimized coding techniques reduced redundant API calls, boosting page response by 60% and cutting load time significantly. Demonstrated expertise in solution development, technical support, and collaborative teamwork.

Software Developer   **July 2022 — Oct 2024**
Amdocs   Pune, India

- Core contributor to the NextG – IPAAS project, one of Amdocs' most complex integrations, bridging legacy and modern systems.
- Designed and developed microservices to convert Digital One product orders into UPC requests for the Order Management System.
- The port-in flow onboards new AT&T mobile customers purchasing wireless service from external providers. The port-out flow enables existing customers to transfer their service to other carriers, Handled fallouts from various internal Amdocs legacy systems, ensuring smooth integration and continuous operations.
- Resolved critical system fallouts and improved software performance by 10% through advanced data structure optimization.
- Created technical documentation for software applications, enhancing the onboarding process for new team members and reducing training time by 40%.
- **Tech stack:** Java, JavaScript, Spring Boot, Microservices, PostgreSQL, Git,Cassandra, OpenShift, Camunda, Jenkins -CI/CD.

Lead Developer [Freelance]   **Oct 2020 — May 2022**
Web and Software Development Cell, NIT Warangal   Warangal, India

- WSDC oversees institute-wide portals related to academics, hostels, fees. Proposed and spearheaded the development, alongside a team of 5 developers, of the Online Registration portal during the pandemic, streamlining the process for 6000 students effectively.
- Designed database and formulated product functional flow from scratch. Developed a fool-proof solution swiftly, automating processes by nearly 90%, cutting registration time from 3 days to just a few hours, leveraging Django, MySQL, and Bootstrap
- Integrated Celery and Redis to implement asynchronous email notifications, providing real-time progress updates at each registration stage. Successfully achieved a significant milestone of 25,000 registrations, demonstrating the system's efficiency.

PROJECTS

Deep Residual Network for Grayscale Image Colorization   **Jan 2022 – May 2022**

- Designed and implemented a deep residual neural network to colorize grayscale images using TensorFlow and Keras.
- Leveraged residual connections to improve learning of complex mappings between grayscale and colour channels.
- Achieved 95% accuracy in colour prediction and reduced error rate by 15% compared to baseline models.
- Utilized Python, OpenCV, and NumPy for data preprocessing and model training on large labelled datasets.

MESS MANAGEMENT SYSTEM
 Conceptualized and deployed a web application to facilitate and track transactions of coupons between students and mess vendors.

- Implemented functionality on the student dashboard to showcase each student's total spending on mess services.
- Devised a feature on the vendor dashboard utilizing Django, MySQL, and REST API to display the total days' collection, pending coupons, update available items, discard coupons of items no longer kept, and more.
- Incorporated OTP authentication to ensure the security of transactions, complemented by email-based request tracking.

SKILLS

Coursework	Data Structures and Algorithms, Database Management System, Object Oriented Programming, Software Engineering, Data Science, Computer Networks
Programming Languages	C, C++, Python, Java, SQL
Development	ReactJS,KnockoutJS,SpringBoot,RESTAPI,OracleJavaScriptExtentionToolkit(OJET),Django,HTML,CSS, Bootstrap, JavaScript, TypeScript, jQuery, Git
Leadership	Executive Member of NSS(2019-2021), Web Development Sub core(Spring spree, 2020)
Competitive Coding	4 star coder - Code chef (max-rating: 1933), Specialist - Code forces (max-rating: 1562)

ACHIEVEMENTS

- Secured All India Rank (AIR) **2,500 out of 1.2 million candidates** in JEE Mains, one of India's most competitive engineering entrance examinations.
- Awarded as star performer For Quarter 3 Of FY 2023 in Amdocs company, September 2023.