Karthik Dharuru

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PROFESSIONAL SUMMARY

Software engineer with 3 years of experience developing and optimizing web applications using C#, ASP.NET MVC, Angular, and AWS. Proven ability to improve, enhance and simplify client migrations. Known for delivering innovative, secure, and scalable solutions with a commitment to quality. Achieved a 4.0 GPA, reflecting strong technical and problem-solving abilities.

WORK EXPERIENCE

Deloitte – Software Engineer, Hyderabad, India   **June 2022 – July 2023**

- Modernized legacy systems by extracting critical metrics and dependencies using Deloitte's InnoWake, enabling smooth client migration to latest technologies, reducing migration time by 30% and improving system performance by 40%.
- Developed core features in C# and .NET Core for the Dawn code initiative, ensuring structured migration with less than 5% downtime during transitions.
- Enhanced automation in the InnoWake migration process, reducing manual effort by 30% and increasing efficiency.
- Designed RESTful APIs, cutting response time by 35% and improving data communication across modules to support high-traffic loads with minimal latency.
- Resolved 15+ regression issues per sprint and managed 30+ critical tickets, earning leadership recognition for problem-solving and project delivery.
- Conducted KT on InnoWake capabilities and migration use cases through better onboarding and collaboration.

Lead Squared – Intern Software Engineer, Bengaluru, India   **AUG 2020 – May 2022**

- Completed advanced training in C#, ASP.NET MVC, ANGULAR, JavaScript, and AWS; developed end-to-end applications that improved expected system performance by 10%.
- Architected and launched an Employee Management web application, integrating 10+ essential HR functions, thoroughly QA tested, and hosted on AWS.
- Developed and enhanced **reporting dashboards** using **ASP.NET MVC and Angular**, giving clients actionable insights into their marketing and sales performance, leading to a **25% increase in data-driven decision-making**.
- Innovated rules-based data capture system, increasing marketing precision by 40% and improved audience targeting by 25% over six months.
- Customized landing page creator, delivering 50+ personalized pages, amplifying client online presence.
- Implemented personalized email triggers, converting potentials to clients through tailored messages

PROJECTS

Log File Analyzer (DOTNET, ASP.NET MVC, Angular, AWS, Post Man)

- Designed and implemented a Log File Analyzer using .NET, Angular, and AWS with 85% accuracy. The application visualizes log data with detailed charts, reducing troubleshooting time by 30%.
- Earned commendations from team members for significantly improving data processing and simplifying error analysis.
- It cuts down the time to go through the complete log file and simply presents the results using multiple charts with analysis.

Customized Health policy based on User Health

- Developed health policy recommendation system for Deloitte Ideathon, showcasing innovation in insurance technology.
- Utilized .NET, Angular, HTML, CSS, and MongoDB to deliver a secure and seamless system.
- Earned significant praise during the Ideathon presentation, highlighting the positive impact and potential of the project.
- Explored opportunities for further refinement, aiming to enhance the system's capabilities and contribute to personalized health insurance solutions.

TECHNICAL SKILLS

Programming Languages: Java, Python, C, C#, C++, OOP with python and java, SQL, LINQ,	**Databases:** MySQL, MongoDB, PostgreSQL, Orient DB
Web Technologies: HTML5, CSS3, JavaScript, Bootstrap5, Restful API, GraphQL, Asp .Net MVC, Type script	**Tools:** Git, Eclipse, Visual Studio Code, JIRA, Postman, Junit, Service Now
Frameworks: Node.js, Angular, React , ENTITY,	**other:** Docker, AWS Cloud (S3, RDS, EC2, ECS, Beanstalk), GCP,XML, JSON, swagger, ajax

EDUCATION

Masters- CSU, LB, Long Beach, CA;	Major: Computer Science, GPA: 4.0	**August 2023-Present**
Bachelors-KL University; Vijayawada, India	Major: Computer Science, CGPA: 9.18/10	**July 2018-May 2022**

Coursework: Data Structures and Algorithms, OS, Enterprise Programming, Advanced Calculus, Computer Networks, C, Java, OOP, Python, Database Management Systems, Computer Organization and Architecture.