Contact

8599797034 (Mobile)
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www.linkedin.com/in/keerthi-bheemagani (LinkedIn)

Top Skills

GitHub
REST APIs
JavaScript

Languages

Telugu (Native or Bilingual)
Hindi (Limited Working)
English (Full Professional)
Tamil (Elementary)

Certifications

AWS Certified Developer – Associate
Back End Development and APIs

Keerthi Bheemagani

Python Full Stack Developer @FannieMae || Ex Elevance Health || Ex Accenture
Richmond, Kentucky, United States

Summary

Expertise in both front-end and back-end development allows me to create dynamic and responsive web applications that meet the needs of businesses and users. I am passionate about staying up-to-date with emerging technologies and best practices in the industry and am committed to delivering high-quality solutions that exceed expectations.

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Experience

Fannie Mae
Python Full Stack Developer
March 2024 - Present (1 year 9 months)
Virginia, United States

Eastern Kentucky University
10 months

Graduate Assistant
August 2023 - December 2023 (5 months)
United States

• Spearheaded industry-standard coding practices, including Linux Bash scripting following PEP-8 Guidelines in Python
3.8, to contribute effectively to the optimization and maintenance of codebases for university software.
• Assisted in the creation of REST APIs using frameworks like Flask and Django, under guidance, to integrate various data
sources crucial for university operations such as student records, course information, and administrative databases.
• Gained exposure to cloud technologies by assisting in the utilization of AWS services like Cognito and IAM, and their
integration with university systems, aiding in enhancing networking capabilities within the campus environment.
• Supported team development efforts by learning to utilize version control systems like GitLab, while exploring libraries

like Boto3 and NumPy for AWS, contributing to solutions tailored to the specific requirements of university applications.
• Assisted in the design and development of front-end interfaces using HTML, Bootstrap, Node JS, underscore JS, Angular
JS, CSS, and JavaScript, under mentorship, to meet the user experience needs of university software.
• Learnt the principles of CI/CD pipelines and contribute to their design and deployment within the university's software
development environment, assisting in streamlining the software delivery lifecycle for academic systems.
• Engaged in collaborative efforts with cross-functional teams to contribute to the delivery of new features, gaining
insights into security considerations by assisting in the integration of security policies to ensure compliance and data
protection within university applications.
Environment: Python, Git, SVN, GitHub, Lambda, DynamoDB, Redshift, EC2, IAM, S3, CloudWatch, Django 1.5, MySQL,
Angular.JS, Pandas, Flash, PyUnit, Open Stack, HTML, CSS, jQuery, Jenkins, Nexus, JavaScript, Apache, Jira,
Linux, Git, Cassandra, Windows, Linux, SSMS, Informatica, Oracle.

Student Researcher
May 2023 - August 2023 (4 months)
Kentucky, United States

• AI Research: Led AI research initiatives, driving key research deliverables.
• NVIDIA GPU Analysis: Conducted testing and benchmarking of the NVIDIA GPU Jetson, optimizing performance.
• Leveraged PyTorch, Numpy, and Pandas during research, applying these libraries for training and fine-tuning machine learning models.

Computational physics lab assistant
March 2023 - August 2023 (6 months)
Kentucky, United States

Legato Health Technologies
Senior Software Engineer
August 2020 - January 2023 (2 years 6 months)
Hyderabad, Telangana, India

• API Development (Python, AWS Lambda, API Gateway):
I spearheaded the development of robust Application Programming Interfaces (APIs) utilizing Python, AWS Lambda, and API Gateway. This enabled efficient

communication between various components of the system, facilitating seamless data flow and interaction.

• AWS Automation:

Automated the creation of AWS environments and other AWS resources using Python Boto3 scripting.

Developed AWS Lambda functions using Python to automate the creation of AWS resources and the attachment of IAM policies.

Reduced the time and effort required to create and manage AWS resources by up to 50%.

• Automation Enhancement: Utilized python programming and Selenium to achieve a 15% reduction in testing time and a 10% decrease in errors.

Accenture
3 years 2 months

Software Engineer
July 2019 - August 2020 (1 year 2 months)
Hyderabad Area, India

• Participated in the entire lifecycle of the projects including Design, Development, and Deployment, Testing and Implementation and support.
• Developed UI modules using HTML, CSS, Bootstrap, Angular, JavaScript, and AJAX.
• Designed the user interactive web pages as the front-end part of the web application using various web technologies like HTML5, JavaScript, Angular.JS, jQuery and implemented CSS3 framework Bootstrap for better appearance and feel.
• Developed entire frontend and backend modules using Python on Django Web Framework.

Assistant Software Engineer
July 2017 - August 2019 (2 years 2 months)
Chennai Area, India

Education

Eastern Kentucky University
Master's degree, Computer Science · (January 2023 - December 2023)

Osmania University
Bachelor of Engineering · (2013 - 2017)