

# A KASHIF AHMED

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[Portfolio](#)

## Profile Summary

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- Recent Computer Science graduate with a solid foundation in software development and web technologies
- Proficient in full-stack web development tools and deep learning frameworks to create innovative solutions

## Skills

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**Languages:** Python, Java, HTML, CSS, JavaScript, PHP, SQL, MongoDB

**Technologies/Frameworks:** ReactJS, NodeJs

**Developer Tools:** Git

**Soft Skills :** Observant, Constructive feedback, Collaborative

## Projects

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### URL Shortner with IP Tracking | Nodejs, Expressjs, MongoDB

[View](#)

- Developed a custom URL shortening service, reducing link lengths by 50%, enabling easier sharing and improved user experience
- Integrated IP-based tracking, successfully logging 100% of user interactions for enhanced analytics and security
- Optimized database operations using MongoDB, achieving 40% faster query response times by leveraging asynchronous functions and streamlined data retrieval
- Ensured seamless scalability by implementing non-blocking I/O processes, supporting up to 1,000 requests per second with minimal latency

### Modern Iris Recognition Voting System Using Deep Learning | Python

- Engineered a system as a final semester project in collaboration with 4 team members
- Harnessed a CNN model to authenticate users by their irises and enable verified users to vote, achieving a verification accuracy of 75% using preprocessed iris images for training and validation
- Contributed to the system's codebase and led iris data collection as a team member
- Leveraged Python libraries such as Keras, OpenCV, TensorFlow, and Scikit-learn in the development process

### Attendance System | HTML, CSS, JS , PHP , SQL

- Architected and developed a website using HTML, CSS, and JavaScript to record and track user attendance
- Deployed PHP on the backend to manage data storage and retrieval from a MySQL database, dynamically displaying total attendance for the academic year
- Successfully rolled out the system to 50% of the class, significantly enhancing attendance tracking efficiency

## Education

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### Bheema Institute of Technology and Science

Sep 2020 – May 2024

Bachelor of Technology in Computer Science and Engineering

GPA : 7.53

## Relevant Coursework

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- Advance Data Structures and Algorithms
- Artificial Intelligence and ML
- Mobile Application Development
- Full Stack Web Development

## Certificates

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### NPTEL

Cloud Computing

- Completed a cloud computing course on the Swayam platform and earned a certificate by passing an online test at a certified center
- Mastered practical skills essential for cloud computing

### Infosys SpringBoard

AWS Certified 2022

- Mastered data storage using S3, DynamoDB
- Learned about Java APIs , how to host static websites on S3 and manage storage efficiently with S3

## LinkedIn Learning

Career Essentials in Data Analysis by Microsoft and LinkedIn

- Acquired Data Analytics skills using tools PowerBI, Excel, MS Access with average of 80% score in the course
- Analyzed 3 different datasets containing 5000 rows of data