

Ameya Laad

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Education

Birla Institute of Technology and Science (BITS) Pilani, K. K. Birla Goa Campus

Goa, India

Bachelor of Engineering, Computer Science

Graduation: May 2022

- CGPA – 8.8
 - Relevant Coursework: Data Structure and Algorithms, Object Oriented programming, Database Management Systems. Upcoming: Computer Networks, Operating Systems, Computer Architectures, Compilers
 - Taught Python to 15 Biotech students as a CTE Instructor
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Experience

Microsoft

Bengaluru, India

Software Engineer Intern, Experiences and Devices

May 2020 – July 2020

- Analyzed the business usage of Microsoft Bookings to get an idea of real usage of the product.
- Built 3 dashboards to track telemetry and API in the Bookings platform.
- Consolidated data of >2 million users per month used for improving user experience in upcoming versions.
- Identified and added missing datapoints in ReactJS.

Indian Red Cross Society

Mumbai, India

Web Developer Intern, Blood Bank

April 2020 – May 2020

- Improved the website for External Quality Assurance System, used by 166 blood banks across India.
- Streamlined the form filling process using Bootstrap and JavaScript.

MindNerves Technology

Pune, India

Intern

June 2019 – August 2019

- Engineered a milk delivery service application with Ionic, Cordova, Loopback and MongoDB.
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Projects

Rasoe

- Developed an Android application that can recognize images of food, and give links to recipes using an API call.
- Fine-tuned a pre-trained model in PyTorch on the Food-101 dataset.
- Deployed the said model on the Android framework using TorchScript.

Portfolio website (<https://ameyalaad.github.io/>)

- Created my portfolio website using ReactJS, and deployed to GitHub Pages with continuous integration.
- Utilized the Particles library to enhance user experience.

TwoFace

- Built an Ionic + Loopback application that uses face-verification as its login component.
 - Integrated the Microsoft FaceAPI into the application to recognize, save, and verify faces.
 - Created a simple blockchain to enable voting as a part of ChainVoter.
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Awards and Certifications

- Deep Learning Specialization - offered by deeplearning.ai on Coursera
- TensorFlow In Practice - Specialization by deeplearning.ai on Coursera
- Web Development for Everyone - by University of Michigan on Coursera
- 2nd Runner ups in Microsoft code.fun.do++ at BITS Goa, for project titles ChainVoter
- Runner ups in Microsoft Hack day, for project titled TwoFace
- Event Manager at Quark 2018, 2019 – Was required to handle a team of juniors and approach speakers and artists to show their research and talent