

Ayush Gupta

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EDUCATION

Indian Institute of Information Technology, Allahabad

Bachelor of Technology in Information Technology, CGPA - 8.92/10

Allahabad, India

2016–2020

Tagore Children Academy

Class XII, Board of Secondary Education Rajasthan, Percentage – 93.80

Surajgarh, India

2014–2016

Tagore Public School

Class X, Central Board of Secondary Education, CGPA - 10/10

Surajgarh, India

2012–2014

INTERNSHIP EXPERIENCE

Google Summer of Code, FOSSASIA.

Web Developer

Remote Intern

April 18 - August 18

- Worked on implementing task-queue for multiple requests and improving the file-upload structure.
- Improved the user interface and user experience for the generated application.
- Parallelized the Travis build of project.
- Wrote Mocha unit tests for the added functionalities.

Sierre Technologies, New Jersey.

MEAN Stack Developer

Remote Intern

May 17 - July 17

- Worked on API authentication using JWT.
- Prepared backend modules using express framework.
- Integrated third party payment module.
- Received offer from Sierre Technologies to continue internship remotely.

PROJECTS

Open Event Webapp

Express, Javascript

- Google Summer of Code Project, helping event organizers to generate a static website for their event.
- Implemented job queue backed by the Redis server to handle multiple requests at a time.
- Added REST API for event generation and integration with eventyay platform.

Gecho

Flask, Raspberry- pi

- A gesture controlled home assistant.
- Raspberry pi is embedded in this assistant, whose camera module is invoked by a clap.
- The captured image is passed through a CNN pretrained model which determines the gesture.
- The gesture is sent as a response to raspberry pi and the module performs the function accordingly.

Lecture Connect

Socket.io

- A Real time lecture translator for different languages.
- Used socket.io for showing the real time results to the user.
- Used chrome browser API for taking voice input.

NCDEX Live Rates API and SMS

Cheerio

- An application to send live NCDEX rates through SMS.
- Used cheerio library of npm for web scraping.
- Used regex to manipulate scraped data.
- Used Twillio API for sending SMS.

Placement Portal IIITA

Slim

- Web portal for the placement related activities.
- Used PHP Slim framework for server side modeling.
- Used MongoDB for storing data.
- Authentication with LDAP.
- Used Socket.io for adding chat functionality.

Event Management System

PHP

- Web portal for creating and notifying users of any event.
- Used PHP to model the server side of the application.
- Used MySQL(PDO) as a database for this project.
- Implemented 'interested' and 'going' features with CRUD functionality available for the organizers.

SKILLS AND INTERESTS

- Programming Languages: C/C++, Java, Javascript, PHP
- Frameworks: Angular, Express
- Databases : SQL, MongoDB
- Template Engines : EJS, Handlebars
- Other : HTML, CSS, jQuery

AWARDS AND ACHIEVEMENTS

- Finalist – Codeheat (A six months long open source coding contest organised by FOSSASIA) | 2018
- Secured second position in IIITA Hacks (A student held hackathon at IIITA) | 2017
- Published an Amazon Alexa skill named Climate Scientia: Facts | 2017
- Obtained 98 percentile in JEE Main (previously AIEEE) among 2 million candidates. | 2016
- Secured 9th district merit on scoring 93.80% in high school. | 2016
- Secured 7th position in State Talent Search Exam(STSE). | 2015

POSITIONS OF RESPONSIBILITY

Web Development Wing, Geekhaven

Coordinator, Member

April 18 - Present, March 17 - April 18

- Responsible for web operations in college festivals and portals.
- Responsible for conducting workshops and events to teach web development .

Google Code-In, FOSSASIA

Mentor

November 17 - January 18, October 18 - December 2018

- Helped the pre-university students to learn about open source.
- Reviewed the work done by students and helped them in completing their task.