Achint Gupta

✉ achint512@gmail.com | ⌨ achint512 | in achint-gupta

Education

Birla Institute of Technology and Science (BITS), Pilani, India   *Aug. 2014 – Jul. 2018*

B.E. (Hons.) Chemical Engineering   *Cumulative GPA – 7.33/10.0*

Technical Proficiency

Proficient   Ruby on Rails, Python, JavaScript (JS), MySQL

Familiar   AngularJS, C, C++, HTML, CSS, Flask, PostgreSQL, Octave

Relevant Courses

Undergraduate   Mathematics - I, II, III, Probability & Statistics, Computer Programming, Num Method for Chem Engg (MATLAB)

Online Courses   CS50's Intro to CS by Harvardx, Machine Learning by Stanford University, AWS Machine Learning, GCP Dialogflow

Work Experience

Avaamo | Conversational AI platform based out of California, with patent pending technologies, and being used by companies in 40+ countries   *Bangalore, India*

Senior Software Engineer   *Feb. 2020 - Present*

- Built regression testing feature enabling customers like Intel to autonomously improve their bots by providing exhaustive reports.
- Upgraded Avaamo's integration with channels like Facebook Messenger to further support over a million monthly user queries.
- Fixed security vulnerabilities like blocking Cross-Site Scripting (XSS) by using Nonce based Content Security Policy (CSP).
- Integrated Rack middleware in rails web-app using Rack::Attack gem to monitor, block and throttle abusive requests.

NestAway | India's largest managed housing platform backed by Tiger Global, Goldman Sachs, and other marquee investors   *Bangalore, India*

Software Development Engineer - II & I   *Jun. 2018 - Oct. 2020*

- Managed a team of 8 engineers to develop a dispute resolution system boosting the annual revenue by USD 2.7 million.
- Built a service to assign 1000+ tasks every hour considering various filters like round-robin, zones, and holidays.
- Developed a JS autofill plugin to reduce the arduous tasks of around 1500 employees across 12 cities in-use for addresses.
- Built a microservice using Rails and Elasticsearch to onboard marketable houses, further increasing annual revenue by $16,000.
- Assisted in building a polygon microservice using Rails and PostgreSQL to map boundaries by uploading KML files.

BlueYonder (erstwhile JDA) | World's Leading Supply Chain Platform   *Bangalore, India*

Software Development Intern   *Jul. 2017 - Dec. 2017*

- Developed a secure web-based portal using PHP, HTML, CSS & JS to validate Electronic Data Interchange (EDI) files.
- Built automation framework using C# and asp.net to carry out QA tests and reduce reliances on manual testing in JDA.

Academic Projects

Stock Trading   *Jul. 2015 - Dec. 2015*

- Built a website via which users can buy/sell shares using Flask and Sqlite3 while hosting data from IEX cloud.

Instagram Filters   *Jan. 2015 - May. 2015*

- Developed a command-line program using C implementing grayscale, reflection, blur, and edge filters.

Leadership Experience

Spree | Annual sports festival   *BITS Pilani, India*

Event's Head   *Mar. 2016 – Apr. 2017*

- Spearheaded a team of over 100 people to organize a festival of 5 days with 30+ sporting and cultural events.
- Organized a state-level Marathon co-sponsored by Red Bull and received the participation of around 150 runners.
- Launched Udaan - A Paralympics Event, in association with Nirmaan, a first of its kind initiative by a college fest.

Nirmaan Organisation | Registered NGO   *India*

Project Lead, Employment Operations   *Apr. 2015 - Apr. 2016*

- Led a team of volunteers to help run an SHG and increased their annual profit per head from USD 10 to USD 30.
- Quadrupled the volunteering opportunities by setting up new partners like orphanages and old-age homes.