in Abhijeet Kaur
O abhijeetkaur

ABHIJEET KAUR
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WORK EXPERIENCE

Microsoft | Software Development Engineer — Jun 2017-Present
- The position of responsibility involves contributing to end-to-end development of software solutions for Profession Services Group in Microsoft.
- I work on implementing and delivering Project Aurora, aimed at creating an integrated ecosystem of services within Microsoft, such as GRM, Chronos, OneProfile etc. to help drive Microsoft's 7-8 billion dollars worth Premier and Consulting Services business.business.
- The aim is to implement web based business solutions for Global Resource Management using Azure, Web API, Redis Cache, Angular JS etc.
- Working experience in Azure Cloud (App Services, Cloud Services, Redis Cache, App Insights, Storage Accounts, Service Bus etc.).

Google Summer of Code | Software Developer Internship — May 2017-Aug 2017
- Worked with *Zulip* (a powerful open source group chat application written in Python and uses the Django framework).
- Developed and enhanced the *bots system* in Zulip. Technologies used involved HTTP, JSON parsing, Python, Django, vagrant virtual environment and python's mock library.
- Detailed description of GSoC work can be viewed *here*.

Google Code In | Software Developer Mentor — Dec 2017-Jan 2017
- Volunteer mentor at Google's contest introducing 13-17 year old pre-university students to open source software development.
- Worked with an open source group chat application *Zulip*.

Microsoft | Software Developer Intern — May 2016-Jun 2016
- To create, schedule and manage SQL agent jobs for SQL Azure Databases using SQL Database Elastic Jobs.
- To determine and implement utilities of Microsoft SQL Server Integration Services (such as ETL and BCP) for SQL Azure using Azure Data Factory.
- Processed high volume Application Insights logs into Power BI for better and efficient analysis of data using Kusto queries.
- To create a Power BI Dashboard to show the health of integration points of Microsoft Procurement Services.
- Scheduled automated refresh of non-live Microsoft Power BI reports in real time.
- Automation to create a new Visual Studio Online Live Site Incident based on triggers.

TECHNICAL SKILLS

TECHNOLOGIES	C, C++, C#, Python, Java, .NET, Django, PHP, MySQL, Windows Visual Studio, Rstudio, CodeBlocks, Sublime, Kusto Explorer, Linux, JCreator, Git, Windows, Linux, Android
COURSEWORK	Machine Learning (*Coursera certification*), Artificial Intelligence, Algorithms-I & II, Programming and Data Structures, Operating Systems, Computer Networks, Cloud Security, Database Management Systems, Software Engineering, Compilers

EDUCATION

2013-2017	Bachelor of Technology(B.Tech) in **Computer Science and Engineering** **Indian Institute of Technology**, Roorkee	CGPA: 7.48/10.0
2013	Senior School Certificate Examination, CENTRAL BOARD OF SECONDARY EDUCATION (CBSE) **Jawahar Vidya Mandir**, Ranchi	SCORE: 94.6%
2011	Secondary School Examination, CENTRAL BOARD OF SECONDARY EDUCATION (CBSE) **Spring Dale Senior School**, Amritsar	CGPA: 10.0/10.0

NOTABLE ACADEMIC PROJECT WORK

icmptunnel — Aug 2015-Dec 2015
- Transparently tunnel your IP traffic through ICMP echo and reply packets.
- Prototype to bypass firewalls, captive portals and establishing an encrypted communication channel between two remote machines.
- 1800+ stars on Github, trending software for a month.
- https://github.com/DhavalKapil/icmptunnel

Talks — Aug 2014-Nov 2014
- Developed a standalone Java application to chat over TCP protocol. A multi-user chat room with multiple chat groups secured with passwords.
- https://github.com/abhijeetkaur/Talks

Wireless Packet Talk — Mar 2015

- Developed a calculator service over WIFI, using a custom protocol.
- Request packets are broadcast while this service sniffs packets over the wireless interface and replies with appropriate calculation. Thereby clients do not need to know anything about the server.

Tic-Tac-Toe Game   May 2016-Jun 2016
- A multiuser android application (game) along with effective user interface.
- https://github.com/abhijeetkaur/TicTacToe_Game

Volunteer Work

Student Volunteer, Anushruti School   Aug 2013-Aug 2016
- Head of the Innovative section for suggesting innovative ideas for better understanding and proper grasp of subjects for hearing impaired students.
- Anushruti is a humble social initiative of IIT Roorkee located on-campus for differently able children with speech and hearing impairments.

Event Organizer, Cognizance   Feb 2014
- Event Organizer at Computer Science Department in Cognizance-Technical festival of IIT Roorkee with participation of 75,000 teams from all over the world and over 15 lacs web hits.
- Event Organizer at an event 'Silent Calling' - a social initiative for hearing impaired students.

Student Volunteer, National Service Scheme   Jul 2013-Apr 2014
- An active part of NSS team, which is a group that aims towards the betterment of the society and spreads self awareness.
- Taught school students and helped in conducting science workshops and various competitions in the college campus.

Achievements

- DockerCon EU 2017 Scholarship winner. Docker offered scholarship for applicants for Docker Conference at Copenhagen, Denmark. Detailed decription of the conference can be found here.
- Ranked in top 1% candidates in J.E.E.-Advanced, 2013.
- Ranked in top 0.2% candidates in J.E.E.-Mains, 2013.
- Selected for national round of Group Mathematics Olympiad Competition and hence qualified for INMO 2010 (was in merit list of Regional Mathematics Olympiad).