Jeet Kumar **Prajapati**

SOPHOMORE YEAR UNDERGRADUATE · MECHANICAL ENGINEERING

Indian Institute of Technology Kanpur

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Education

Indian Institute of Technology, Kanpur	*Kanpur, India*
B.Tech in Mechanical Engineering	*July'18 - PRESENT*

- CGPA : 7.6 / 10

HSM Global Public School (Dayalband), Bilaspur	*Chhattisgarh, India*
High School - 12th Grade	*2017*

- Percentage : 96.20%

Government High School (Amora), Mungeli	*Chhattisgarh, India*
High School - 10th Grade	*2015*

- Percentage : 93.50%

Technical Strengths

Programming	C / C++ **(Proficient)**, Python, Node.JS
Web	Node.js, React, Angular, JavaScript, jQuery, Bootstrap
Utilities	Git, LaTeX, MATLAB, Shell Utilities

Scholastic Achievements

2018	**All India Rank 4509,** in Joint Entrance Examination (JEE) Advanced among 230,000 candidates	*India*
2018	**All India Rank 2088,** in Joint Entrance Examination (JEE) Mains among 12,00,000 candidates	*India*
2018	**4th Rank,** in Chhattisgarh Pre Engineering Test (CGPET) among 30,000 candidates	*Chhattisgarh, India*
2017	**CGBSE Merit Certificate Awardee,** Secured 7th Rank in 12th Board Examination among 271994 candidates	*Chhattisgarh, India*

Work Experience

Omnious. Co., Ltd.	*Seoul, S.Korea*
Software Architect	*Jun. 2017 - May. 2018*

- Provisioned an easily managable hybrid infrastructure(Amazon AWS + On-premise) utilizing IaC(Infrastructure as Code) tools like Ansible, Packer and Terraform.
- Built fully automated CI/CD pipelines on CircleCI for containerized applications using Docker, AWS ECR and Rancher.
- Designed an overall service architecture and pipelines of the Machine Learning based Fashion Tagging API SaaS product with the micro-services architecture.
- Implemented several API microservices in Node.js Koa and in the serverless AWS Lambda functions.
- Deployed a centralized logging environment(ELK, Filebeat, CloudWatch, S3) which gather log data from docker containers and AWS resources.
- Deployed a centralized monitoring environment(Grafana, InfluxDB, CollectD) which gather system metrics as well as docker run-time metrics.

PLAT Corp.	*Seoul, S.Korea*
Co-founder & Software Engineer	*Jan. 2016 - Jun. 2017*

- Implemented RESTful API server for car rental booking application(CARPLAT in Google Play).
- Built and deployed overall service infrastructure utilizing Docker container, CircleCI, and several AWS stack(Including EC2, ECS, Route 53, S3, CloudFront, RDS, ElastiCache, IAM), focusing on high-availability, fault tolerance, and auto-scaling.
- Developed an easy-to-use Payment module which connects to major PG(Payment Gateway) companies in Korea.

R.O.K Cyber Command, MND	*Seoul, S.Korea*
Software Engineer & Security Researcher (Compulsory Military Service)	*Aug. 2014 - Apr. 2016*

- Lead engineer on agent-less backtracking system that can discover client device's fingerprint(including public and private IP) independently of the Proxy, VPN and NAT.
- Implemented a distributed web stress test tool with high anonymity.
- Implemented a military cooperation system which is web based real time messenger in Scala on Lift.

NEXON   *Seoul, S.Korea & LA, U.S.A*

Game Developer Intern at Global Internship Program   *Jan. 2013 - Feb. 2013*

- Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market.
- Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic and designed game graphics.
- Won the 2nd prize in final evaluation.

ShitOne Corp.   *Seoul, S.Korea*

Software Engineer   *Dec. 2011 - Feb. 2012*

- Developed a proxy drive smartphone application which connects proxy driver and customer.
- Implemented overall Android application logic and wrote API server for community service, along with lead engineer who designed bidding protocol on raw socket and implemented API server for bidding.

SAMSUNG Electronics   *S.Korea*

Freelance Penetration Tester   *Sep. 2013, Mar. 2011 - Oct. 2011*

- Conducted penetration testing on SAMSUNG KNOX, which is solution for enterprise mobile security.
- Conducted penetration testing on SAMSUNG Smart TV.

Relevant Coursework

Introduction to Programming

Indian Institute of Technology, Kanpur

- Understood basics of C Programming Language.

Web Design for Everybody: Basics of Web Development and Coding

University of Michigan (Coursera)

- Understood how to write syntactically correct HTML5 and CSS3.
- Introduced how to create interactive web experiences with JavaScript.
- Successfully completed a professional-quality web portfolio.

Data Structures and Algorithms

University of California San Diego (Coursera)

- Learnt algorithmic techniques for solving various computational problems and implemented 100 algorithmic coding problems in C++.

Extracurricular Activity

Entrepreneurship Cell   *IIT Kanpur*

Secretary   *May'19 - May'20*

- Organised a variety of events throughout the year to prote entrepreneurial activities.

DJ War, Antaragni   *IIT Kanpur*

Secretary   *May'19 - May'20*

- Conducted DJ War Prelims in top cities of India.
- Organised Color-Run which is a finale of DJ War.