ABHISHEK KUMAR

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EDUCATIONAL BACKGROUND

Degree/ Certificate	Institute/ School	Year	Performance
Undergraduate	IIT Jodhpur	Current	7.94/10
Intermediate (CBSE)	St. Joseph Public School, Samastipur	2011	83.6%
Matriculation (CBSE)	Ramakrishna Mission Vidyapith, Deoghar	2009	97.0%

ACHIEVEMENTS

MIT Media Labs Design Innovation 2015	Selected among Top 50 Software Developers in India
Microsoft BuildTheShield 2015	Secured All India Rank 19
ACM ICPC 2015	Selected for Asia Regionals (Amritapuri)
Google APAC 2015 (Round C)	Secured Global Rank 262
Microsoft Imagine Cup 2016	Selected for National Finals
Morgan Stanley Codeathon 2014	Secured All India Rank 62
CBSE Class 10th Examination 2009	Secured 1st Rank in North India Zone
International Olympiad of Astronomy 2008	Secured All India Rank 5
Codechef (Competitive Coding Platform)	Secured Best Global Rank 281

PROJECTS PURSUED

Cycle Run (MIT Media Labs DI 2015) (Mentors: Bianca, Thariq)	• Developed hardware cum software solution to make cycling experience more engaging by gamifying and socializing real-life cycling using Tessel (micro-controller), Heroku, Redis, Contruct 2, CocoonJs and JavaScript.	Jan'15
Analytics Architecture (Mentor: Dinesh Reddy)	• Developed end-to-end pipeline of data for different analytics use-cases including real time monitoring of business at Commonfloor.	June'15
Automatic Emergency Response System (Mentors: Dr. Arun Singh, Dr. V. Ramana)	• Developed an automated control system for reducing the time taken in case of medical emergencies by minimizing the need of human intervention. • Developed Android & Windows apps for user & Ambulance, used NodeJs for server-scripting, MongoDB as database & ElasticSearch with Kibana for real time monitoring.	Sept'15 - Dec'15
Game Development (Mentor: Dr. G. Harit)	• Developed a fully functional Carrom Board game using Pygame. • Developed an aliencraft shooting game using 2D game engine.	Aug'14 July'13
Chain Reaction Online (Mentor: Dr. V. Ramana)	• Developed an online multiplayer version of popular chain reaction game using socket programming along with peer.js.	Apr'15
Train Traffic Scheduler (Mentor: Dr. G. Harit)	• Developed an automatic train traffic scheduler with a GUI simulator for real time display using Python and Tk interface.	June'14

TECHNICAL SKILLS

Programming Languages	Significant experience:	C, C++, Python, JavaScript, MySQL
	Familiar with:	Java, PHP
Specific Tools & Technologies	Client & Server Side:	Ajax, JQuery, LAMP, NodeJS
	Analytics	Elasticsearch, Kibana, Druid, Grafana, Storm, Kafka, Logstash, GA APIs
Game Engines		Cry Engine, Construct 2
Others		Android SDK, Play Framework, Git, Matlab, Photoshop, Html, Bootstrap

EXPERIENCE & ACTIVITIES

Internships	• Worked as a summer intern at Commonfloor. Developed different analytics solutions & dashboards using Elasticsearch, Kibana, Druid, Grafana, Storm, Kafka, Logstash, NodeJS, Play Framework & Google Analytics APIs.	May'15 – July'15
	• Worked as a summer intern for Web Development & Android App Development at UVSofts Technologies Pvt. Ltd.	May'14 – July'14
Conferences & Workshops	• Delivered a talk at ICFAI University, Dehradun on PHP & MySQL, attended by about 250 undergraduate students.	July'14
Positions of Responsibilities	• **Web Development Head, Varchas'14 (Inter College Sports Festival)** Developed and managed the website and database of the participants.	Dec'13 – Feb'14
	• **Coordinator, Astronomy Club** Took initiative to start an astronomy club for the first time at IIT Jodhpur.	July'13 –June'14
	• **Coordinator, Photography & Designing Club** Led & nurtured a club of 20 members in photography & designing.	July'13 –June'14
	• **Coordinator, Hostel Sports** Took initiative to start a new inter hostel tournament at IIT Jodhpur.	Aug'12–June'13