

VISHESH AHUJA

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EDUCATION			
Year	Degree	Institution/School	%/CGPA
2016	B.Tech. Electronics and Communication Engineering	Delhi Technological University (formerly DCE)	77.59%
2012	XII th (CBSE)	Venkateshwar International School	95.2%
2010	X th (CBSE)	Venkateshwar International School	9.8/10

WORK EXPERIENCE	
Software Engineer	Shopclues.com June 2016 - Present
Payment Gateway Integration	<ul style="list-style-type: none">Integrated more than 10 Payment Gateways (like PayU, Citrus, Momoe, Ola Money etc) with both Seamless and Non-Seamless modes.Reduced the maximum time to wait to verify a transaction from a PGW with Shopclues from 1 hour to 15 minutes by building a multi-process scalable system to handle increasing number of transactions.Implemented Notification APIs for a two-factor instantaneous verification of transactions.
Return to Origin (RTO) reduction on Cash on Delivery	<ul style="list-style-type: none">Collaborated with analytics team to identify fraud users based on risk score to restrict COD.Developed architecture to enable/disable COD on 5 dynamic parameters: New User, Pincode, Product Category, Product Quantity, Time of Order by bitwise rule engine to reduce effective RTO by 3.5%.
Internal Finances and Shopclues Transactions: RTGS UTRs, CluesBucks (wallet), Gift Certificates	<ul style="list-style-type: none">Developed an RTGS System to replacing manual work of maintaining the ledger of B2B Orders worth 2.5cr average every week; Integrated Amazon S3 Bucket to be able to retrieve any past Transaction memo; Developed a fail-safe mechanism using Database Transactions to prevent any system failures.Revamped CluesBucks architecture from an earlier user wise to ledger to a transaction based ledger, thereby enabling multiple wallet utilities like past user balance, partial CB deduction.Improved Gift Certificates Shopping experience in Shopclues by integrating with QuickSilver and hence allowing users to transact with both GCs issued by Shopclues and QuickSilver.
Enhancing Customer Experience during Checkout	<ul style="list-style-type: none">Reduced a 3-step Checkout process to a single step process on Mobile by merging Cart, Summary and Payment page together on a Single Checkout Page.Increased success rates of Mobikwik Wallet by 38% by integrated its Seamless Payment flowIntegrated Google Tez on Mobile Site using the PaymentRequest Library shared by Google, enabling customers to directly pay from the Tez app without filling any details.
Achievements	<ul style="list-style-type: none">Optimised payment page load time from 4-5 seconds to an average 1.2 seconds by implementing short interval memcache caching on the API level.Initiated cross domain knowledge sharing among team members to enhance learning opportunities.
Technologies	PHP, MySQL, jQuery, JavaScript, HTML, React, Jira, SVN, Memcache, Redis, Jenkins

INTERNSHIPS	
Software Engineer Intern	Axiom December 2014 - March 2015
Web Based tools	<ul style="list-style-type: none">TopNames: Application to find potential buyers from Whols database for auctioned domains by ranking High value domains based on some parameters (like Palindrome/3 letter etc).Contact Form Bot: Bot to find contact forms on websites and fill them automatically with specified input by matching the name of the input field with a provided dictionary. Technologies: PHP, AJAX, HTML, jQuery, Javascript and MySQL Database
Security Analyst Intern	Genpact June - July 2014
Application Security and Vulnerability Assessment	<ul style="list-style-type: none">Assessed applications for software, and procedural vulnerabilities, to protect them from external threats. OWASP Top-10 2013 was used for reference.Recommended secure coding guidelines for PHP based on top vulnerabilities.

PROJECTS

- **Result Notifier:** Created a Python Script which crawls the result website every minute and notifies by email, when the result is announced.
- **TinyURL:** Developed an application to make tiny URLs using Base62 conversion.
- **Analytics Counter:** Developed a script which can be put on any website to send AJAX request to the application which counts page hits.
- **24x7 Support Chat:** A customer support chat application with admin panel and automatic response.
- **SocialBoard:** A basic social network where you can add connections and share messages.

EXTRA CURRICULARS

Head of Web Development

DTU TIMES, DTU

(2013-2016)

- DTU Times, the official magazine of Delhi Technological University.
- Developed DTU Times official using PHP, JavaScript and Bootstrap.
- Managed a team of 3 other developers as the head.

TECHNICAL EXPERTISE

- **Languages:** PHP, SQL, HTML+CSS, JavaScript, C/C++, Python (Basics)
- **Libraries:** jQuery, AJAX, React (Basics)
- **Other:** SVN, Jira, Jenkins, MySQL

ACADEMIC ACHIEVEMENTS

- Ranked 5675/1200000 candidates in All India Engineering Entrance Examination – AIEEE 2012.
- Received an acknowledgement letter from Central Board of Secondary Education (CBSE) for the virtue of performance within top 1% of the Senior School Certificate held during the academic session ending March/April 2012.