

Divyansh Gothwal

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EDUCATION

Year	Degree/Examination	Institution	CGPA/Percentage
2017	B.Tech	Indian Institute of Technology, Roorkee	7.476
2012	Intermediate	Subodh Public School(CBSE), Jaipur, Rajasthan	85.8%
2010	Matriculation	Subodh Public School(CBSE), Jaipur, Rajasthan	8.40

SOFTWARE SKILLS

- **Languages:** - C#, C++, java, MySQL, MSSQL, JavaScript, Node.js, WebAssembly
- **Tools:** - Visual studio, SSMS, Eclipse, Visual Studio code

EXPERIENCE

Company	Optym India Private Limited, Bengaluru, Karnataka
Project	RouteMAX (22 nd May 2017 – Ongoing)
Clients	FedEx, New Penn, SAIA
Designation	Software Engineer
Technologies Used	C#, .Net, Web API, MS SQL Server, SignalR, SVN, Agile.
Responsibilities	<ul style="list-style-type: none">• Involved in creating RESTful API's for the RouteMAX.• Integrated SignalR to backend code of RouteMAX which helps server to send asynchronous notifications to client-side web applications in real-time.• Integrated OAuth 2.0 authorization framework in RouteMAX solution which enables a third-party application to obtain limited access to an HTTP service.• As a team of two we did a smooth migration of RouteMAX Middle Layer code from old solution to new solution, in which we are using new frameworks like Ninject(for dependency Injection), Xunit(for testing), WebAPI.• Created Utility to extract distance between two lat-long from GraphHopper distance matrix API and optimized this utility to run in less than 6 minutes for total combinations of more than 200 thousand.• Wrote ETL to extract data from .csv and load it into RouteMAX DB.• Worked with database team to create some new stored procedures and helped in debugging the code.• Significant contribution in establishing the Agile process and development best practices

INTERNSHIP AND PERSONAL PROJECT INFORMATION

Company	Uniphore Software System Pvt Ltd
Project	auMina (9 th May 2016 - 8 th July 2016)
Designation	Software Developer
Technologies used	Java
Responsibilities	<ul style="list-style-type: none"> • My main role was to develop algorithms in JAVA which can be successfully integrated with product of the company • Calculating average amplitude of an audio file (stereo and mono). • Calculating RMS of whole audio file(Detecting scilence for 2 sec and then checking it(if 2 sec scilence exist) for next seconds) and RMS of each second of audio file(for mono and stereo) • Calculating RMS of small speech chunks, checking for silenced durations and making them cofigurible using properties class of JAVA (for stereo and mono audio files) • Dynamically Calculating threshold Range for detecting loudness of each speech chunk(size of the chunk is set in properties file of JAVA). • Calculating Rate of speech(no of syllables in an audio file)

EXTRA CURICULARS AND ACHIEVEMENTS

Joint Secretary, Cinema Club IIT Roorkee	<ul style="list-style-type: none"> • Lead a team of 25 people which include designer, developer and editor. • Managed whole team to conduct screening of 20 movies with footfall of more than 2000. • Also fully Coordinated events conducted by cinema club CINE-E-QUEST(Online Quiz, in September 2015)and Box Office (in October 2015).
General Organizing committee member, Thomso, Cultural Festival of IIT Roorkee	<ul style="list-style-type: none"> • Lead a team of about 60 students comprising of volunteers,co-coordinators and executives. • Visited various colleges in uttrakhand and gave presentation to get as many participants as possible. • Responsible for organizing one of the biggest cultural fest in the country in terms of footfall along-with the administrative liabilities and management of 40+ events and guest lectures.
Associate coordinator, Training and placement	<ul style="list-style-type: none"> • Worked in association with Company Coordinators during placements and interns. • Coordinated the entire On-campus placement procedure for the companies alloted to me. • Responsible for making pre-arrangements for the company's visit for placements and intern.