

IIIT SONEPAT

Industry Internship Project (CSL-801)

P R E S E N T A T I O N

Submitted to :Dr. Mukesh Mann &
Dr. Vinay Pathak



Industry Internship Project

INTRODUCTION

Name:	Gunjan Ashok Bhanarkar
Roll No:	12011014
Department:	Computer Science(CSE)
Company:	Manash Lifestyle Pvt. Ltd. (Purple)
Role/worked as:	Frontend Engineering Intern/ SDE Intern
Duration:	10+ months(July,2023 - Present)



Purplle.com



Makeup has been around for over a hundred thousand years, and beauty is only evolving. What started with red pigment clay is now a fascinating world of foundation, rouge, lipstick, blush, mascara, eye shadow, eye liner, eye caramba!

Meet Purplle, a powerful concoction of technology and beauty. A portal which delivers the best of both the worlds.

Purplle's official website: <https://www.purplle.com/>

About Purplle: [About US page @ purplle.com](#)

SDE Intern @ Purple

WORK DONE:

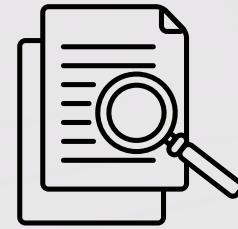
- Optimized and minified 20k+ lines of unused code, enhancing system efficiency and conducted UI sanity checks to ensure optimal user experience.
- Successfully resolved 10+ production bugs and implemented 2-3+ new features, addressed over 11-12+ JIRA bug tickets reported by QA and collaborated with UI/UX teams.
- Acquired proficiency in BEM methodology, modern UI practices, and web vitals, demonstrated expertise in GitLab and Git branching concepts.
- Performed CSS minification by removing 14k+ lines of redundant code and revamping with new PDS library for Purple.

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WORK DONE:

- Worked in PDS library specifically designed for Purple and its integration in various modules which includes Listing, Product modules using customized angular based UI components etc.
- Learned about implementing webview pages, debugging using dev tools and debugger, performance analysis, effect of SSR(server-side rendering) and redis caching.
- Created a+ content automation sheet using google appscript automating the entire a+ content creation displayed on PD pages reducing the overall work of 2 devs.

TOOLS AND SOFTWARE USED



Frontend tech stack

The WebApp's frontend UI/UX is designed and build upon Angular framework which is the main core for the frontend, other than that some PHP pages which are undergoing migration, angular material UI, and Purplle's own custom built CSS library: PDS(Purplle Design System) library, implemented in html and scss/sass, typescript



Softwares

The Visual Studio Code editor is used for coding, programming, debugging, and testing the WebApplication, other than that JIRA tools for bug tracking, project management, issue tracking, confluence for documentation, gcp console for crashes and web vitals, kibana and metabase for events management and databases, postman for api testing, jenkins and gitlab for ci/cd and deployment, google tag manager for SEO aspects.

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SOME PROOF OF NOTABLE WORK DONE:

- <https://www.purple.com/brand/good-vibes> : PDS Integration in all the listing pages which includes brands, categories, offers, explore, new launches etc pages.
- <https://www.purple.com/wv/support/home> : Implementation of some fixes for the customer support pages, which also include for IOS and Android page as this been webview page.
- <https://www.purple.com/product/good-vibes-serum-powered-beauty-de-tan-glow-night-cream-ubtan-50-g-17> : UI revamp of the product module, bug fixes reported by QA on JIRA, lighthouse performance analysis and CLS improvements.
- <https://www.purple.com/wv/categories> : Implementation of Vernacular(multi languisitic support for local languages in webview pages(in App)).
- <https://test.purple.com/> : Revamping the font family for entire application(currently in QA).
- <https://sandbox.purple.com/> : Implemetation of pincode sync for Cart module, PDP(product) module, checkout module, Profile(add-edit address) module.(currently in sandbox playground for sanity testing).

THANK YOU!

Presentations are communication tools that can be used as demonstrations, lectures, speeches, reports, and more. It is mostly presented before an audience. It serves a variety of purposes, making presentations powerful tools for convincing and teaching.