PDF Diff Report

Changes: 88 / Total blocks: 98

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2. image | deleted | old_index=47 new_index=None
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(no word diff)

46. paragraph | deleted | old_index=80 new_index=None

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47. paragraph | moved | old_index=3 new_index=7

EDUCATION

48. paragraph | moved | old_index=4 new_index=8

Techno India University, India Jul 2022 - ■ Jun 2026

49. paragraph | moved | old_index=5 new_index=9

Bachelors in Technology, Computer Science Engineering. CGPA: 8.5

50. paragraph | moved | old_index=6 new_index=10

EXPERIENCE

51. paragraph | moved | old_index=8 new_index=12

Part Time Remote, United States

52. paragraph | moved | old_index=9 new_index=13

● Led development of a cross-platform email/newsletter reader, inbo.club for cross■platformemail/newsletter reader,inbo.clubfor web, android and iOS, to serve over

53. paragraph | moved | old_index=10 new_index=14

10,000 users with userswith inbox syncing and modular UI architecture using Next.js and React Next.jsandReact Native, reducing

54. paragraph | moved | old_index=11 new_index=15

production time by 25%.

55. paragraph | moved | old_index=14 new_index=16

● Engineered email processing infrastructure using Postfix, Amazon SES, and Gmail API, processing 200,000+ processing200,000+

56. paragraph | moved | old_index=15 new_index=17

emails/month through emails/monththrough serverless pipelines using Azure Functions, Blob Functions,Blob Storage, and Azure andAzure Files.

57. paragraph | moved | old_index=16 new_index=18

● Delivered a streaming response experience for newsletter summaries to reduce bounce rate by 50%; collected structured

58. paragraph | moved | old_index=18 new_index=20

● Designed memory-efficient Designedmemory■efficient Docker containers and modular backend services, significantly reducing in-house in■house infrastructure

59. paragraph | moved | old_index=19 new_index=21

infrastructure costs across AWS, Azure, and DigitalOcean by costsacrossAWS,Azure, andDigitalOceanby 30%; also included monitoring and system health monitoringto support stability.

60. paragraph | moved | old_index=21 new_index=22

● Created Newslettermart.com, a B2B chat-driven chat■driven platform enabling seamless ownership transfers of newsletter

61. paragraph | moved | old_index=22 new_index=23

businesses, with integrated polling-based messaging. polling■based messaging for a 20% higher conversion rate.

62. paragraph | moved | old_index=24 new_index=25

Part Time Remote

63. paragraph | moved | old_index=25 new_index=26

● Google Summer of Code – AOSSIE.org,

64. paragraph | moved | old_index=26 new_index=27

■ Discussed Collaborated with 5+ global contributors to define system design, LLM workflows, and modular structure.

65. paragraph | moved | old_index=27 new_index=28

■ Constructed a Retrieval-Augmented Implemented aRetrieval■Augmented Generation (RAG) module using vector-based moduleusing vector■based search and LLM

66. paragraph | moved | old_index=28 new_index=29

integration, following an event-driven architecture. event■driven architecture for scalability.

67. paragraph | moved | old_index=33 new_index=34

● Google Summer of Code – C2SI.org,

68. paragraph | moved | old_index=34 new_index=35

■ Enhanced real-time Optimizedreal■time collaboration features by optimizing Firestore-based with proper Firestore■based user updates and restructuring restructured the

69. paragraph | moved | old_index=35 new_index=36

nested comment system, improving data sync accuracy, UI consistency, and threading stability. stability by 80%.

70. paragraph | moved | old_index=36 new_index=37

■ Containerized the local Containerizedthe development environment using Docker, reducing contributor setup time by ~50% 50%.

71. paragraph | moved | old_index=50 new_index=46

inPay | inPay, Full Stack Developer Aug 2024 - ■ Sep 2024

72. paragraph | moved | old_index=51 new_index=47

A Feature-rich large-scale Feature■rich large■scale P2P Payments Hub. Website Source Code (100 Users)

73. paragraph | moved | old_index=52 new_index=48

Next.js | Express.js | Jest | Azure | Docker | CI/CD Microservices | OpenAPI | Git GitHub Actions | Prisma | Socket.IO | Recoil | Tailwind PostgreSQL

74. paragraph | moved | old_index=53 new_index=49

● Automated workflows for tests, builds and deployment to Azure, achieving a 20% faster production release.

75. paragraph | moved | old_index=58 new_index=52

● Optimized queries with caching and cachingand chat message queuing, cutting database load by 50% and boosting response 50%.

76. paragraph | moved | old_index=60 new_index=53

● Executed advanced calculations for balance and payment histories, translating data into interactive charts with

77. paragraph | moved | old_index=61 new_index=54

Recharts that improved accessibility of financial information by 20%.

78. paragraph | moved | old_index=62 new_index=55

HelioTask | HelioTask, Full Stack Developer Aug 2024

79. paragraph | moved | old_index=63 new_index=56

A Kan-ban Kan■ban based Task Manager. Website Source Code

80. paragraph | moved | old_index=64 new_index=57

Next.js | Shadcn | Express.js | Nest.js | Flask | Tailwind | Recoil | React| Django | Vercel | Node.js MongoDB | Git

81. paragraph | moved | old_index=65 new_index=58

● Crafted drag Crafteddrag and drop feature dropfeature for task status updates, boosting task management efficiency by 20%.

82. paragraph | moved | old_index=66 new_index=59

● Established task filtering and sorting by taskfilteringandsortingby status, priority, and due dates, improving task organization by 25%.

83. paragraph | moved | old_index=68 new_index=61

TECHNICAL SKILLS

84. paragraph | moved | old_index=69 new_index=62

● DSA/CP : LeetCode- DSA/CP:LeetCode■ 500 problems

85. paragraph | moved | old_index=70 new_index=63

● Languages: C, C++, Java, Python, Javascript, Typescript. Typescript, Go.

86. paragraph | moved | old_index=71 new_index=64

● ML/AI: OpenAI, LangChain, Hugging Face, TensorFlow, Pandas, AI Agents.

87. paragraph | moved | old_index=72 new_index=65

● Tools: Others: Docker, Kubernetes, Websocket, WebRTC, Terraform, TravisCI, GraphQL, gRPC, Azure, AWS, GCP, Vercel, Firebase, Prometheus, Grafana, Stripe,

88. paragraph | moved | old_index=73 new_index=66

Recoil, Prometheus, Grafana, Redux, Framer Motion, React, React Native, FFMpeg, Figma.

89. paragraph | unchanged | old_index=0 new_index=0

MUNTASIR MALLIK Portfolio

90. paragraph | unchanged | old_index=1 new_index=1

GitHub

91. paragraph | unchanged | old_index=2 new_index=2

Kolkata, India • +91 7596880082 • mun.cosmos004@outlook.com LinkedIn

92. paragraph | unchanged | old_index=38 new_index=38

Keyshade.xyz, Backend Developer, Keyshade.xyz Developer Nov 2024 - ■ Jan 2025

93. paragraph | unchanged | old_index=39 new_index=39

Internship Remote, Kolkata

94. paragraph | unchanged | old_index=41 new_index=41

● Enhanced Extended API client package by introducing a module amodule controller, enabling the frontend to interact directly with

95. paragraph | unchanged | old_index=42 new_index=42

the backend without explicitly calling endpoints.

96. paragraph | unchanged | old_index=43 new_index=43

● Created a Next.js app to efficiently scan for secrets leaked in GitHub repositories with HTTP-streaming HTTP■streaming response.

97. paragraph | unchanged | old_index=44 new_index=44

● Implemented Zod schemas with 90% ImplementedZod schemaswith90% unit test coverage to ensure validation of request and response data.

98. paragraph | unchanged | old_index=45 new_index=45

PROJECTS